

PCT Recordation of Search History

Case/PCT Application Number: PCT/US20/15735

CLIN Number/Technical Field of PCT Application: 4

Dates During Which the Search was Conducted: 23 March 2020

Date of Completion of Recordation of Search History Form: 23 March 2020

Research Analyst Initials: CEJ

Search Approval Official (SAO) Initials: MWS

Field of Search/Classification Information:

IPC(8) Classifications: **G02B 6/00, 6/24, 6/26, 6/34, 6/10, 27/01, 27/0101, 27/00, 27/0189; G02F 1/292, 1/29, 1/00, 1/1343, 1/1333, 1/133, 1/13, 1/01; H04N 9/3129, 9/00; G06T, 19/00, 15/00; G06F 3/00 (2020.01)**

CPC Classifications: **G02B 6/00, 6/24, 6/26, 6/34, 6/10, 27/0172, 27/017, 27/01, 27/0101, 27/00, 27/0189; G02F 1/292, 1/29, 1/00, 1/134309, 1/1343, 1/1333, 1/133, 1/13, 1/01; H04N 9/3129, 9/00; G06T 19/006, 19/00, 15/00; G06F 3/00**

Databases Searched (Patent and Non-Patent Literature (NPL), Including Sub-Databases and Files Searched) and Search Terms Used:

PatSeer (US, EP, WO, JP, DE, GB, CN, FR, KR, ES, AU, IN, CA, INPADOC Data);
Google Patents; Orbit; Google; EBSCO; IEEE

Search Terms Used: display, screen, augmented, virtual, mixed, reality, three dimension, 3D, AR, VR, MR, stack, array, matrix, layered, grid, waveguide, absorptive, transmissive, transparent, filter, wavelength, hologram, color

Database Search String Recordation, Including Dates of Searches:

Patent Database Search Strategy/Results:

PatSeer:

ID	Search String	Deduped	Records	Created Date
L52	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G06F3/00)	EFAM	4	23-Mar-20
L51	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G06T15/00)	EFAM	3	23-Mar-20
L50	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G06T19/006)	EFAM	19	23-Mar-20
L49	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G06T19/00)	EFAM	21	23-Mar-20
L48	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02B27/0189)	EFAM	1	23-Mar-20
L47	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02B27/0101)	EFAM	13	23-Mar-20
L46	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or	EFAM	60	23-Mar-20

	transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02B27/00)			
L45	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02B27/01)	EFAM	98	23-Mar-20
L44	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02B27/017)	EFAM	20	23-Mar-20
L43	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02B27/0172)	EFAM	81	23-Mar-20
L42	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(F21Y2113/10 NOT (H04N9*))	EFAM	0	23-Mar-20
L41	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02F1/01 NOT (H04N9*))	EFAM	119	23-Mar-20
L40	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(H04N9*)	EFAM	53	23-Mar-20
L39	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(H04N9/3129)	EFAM	13	23-Mar-20
L38	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1	EFAM	122	23-Mar-20

	guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02F1/01)			
L37	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02F1/13)	EFAM	42	23-Mar-20
L36	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02F1/133)	EFAM	24	23-Mar-20
L35	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02F1/1333)	EFAM	32	23-Mar-20
L34	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02F1/1343)	EFAM	8	23-Mar-20
L33	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02F1/134309)	EFAM	3	23-Mar-20
L32	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02F1/00)	EFAM	29	23-Mar-20
L31	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02F1/29)	EFAM	39	23-Mar-20
L30	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or	EFAM	11	23-Mar-20

	matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02F1/292)			
L29	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02B6/00)	EFAM	216	23-Mar-20
L28	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02B6/24)	EFAM	20	23-Mar-20
L27	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02B6/34)	EFAM	147	23-Mar-20
L26	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02B6/26)	EFAM	141	23-Mar-20
L25	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02B 6/26)	EFAM	3	23-Mar-20
L24	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02B 6/34)	EFAM	3	23-Mar-20
L23	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength)) AND AC:(G02B 6/293)	EFAM	3	23-Mar-20
L22	TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1	EFAM	2744	23-Mar-20

	display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength))			
L21	((INV:(Mohammadreza Khorasaninejad OR victor kai liu OR dianmin lin OR christophe peroz OR pierre st. hilaire) OR AASN:(MAGIC LEAP INC)) AND TACD:(((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) and (stack* or array* or matrix* or layered) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength))	EFAM	37	23-Mar-20
L20	TA:((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) AND TAC:(((stack* or array* or layered) w4 (waveguide* or ((wave* or light*) w1 guide*) or lightguide)) wp ((absorb* or absorp* or filter or color_filter^4) wp (transmiss* or transparen*)))	EFAM	38	23-Mar-20
L19	TA:((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) AND TAC:((stack* or array* or layered) w4 (waveguide* or ((wave* or light*) w1 guide*) or lightguide) and (absorb* or absorp* or filter or color_filter^4) and (transmiss* or transparen*))	EFAM	182	23-Mar-20
L18	TA:((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR)) AND TAC:((stack* or array* or layered) w5 (waveguide* or ((wave* or light*) w1 guide*) or lightguide) and (absorb* or absorp* or filter or color_filter^4) and (transmiss* or transparen*))	EFAM	214	23-Mar-20
L17	TA:((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR) and (stack* or array* or layered) w5 (waveguide* or ((wave* or light*) w1 guide*) or lightguide) and (absorb* or absorp* or filter or color_filter^4) and (transmiss* or transparen*))	EFAM	12	23-Mar-20
L16	TA:((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR) and (stack* or array* or layer*) w5 (waveguide* or ((wave* or light*) w1 guide*) or lightguide) and (absorb* or absorp* or filter or color_filter^4) and (transmiss* or transparen*))	EFAM	47	23-Mar-20
L15	TA:((display* or ((augment* or virtual or mixed) w1 reality) or (three w1 dimens* w1 display) or (3D w1 display) or AR or VR or MR) and (stack* or array* or layer*) and (waveguide* or ((wave* or light*) w1 guide*) or lightguide) and (absorb* or absorp* or filter or color_filter^4) and (transmiss* or transparen*))	EFAM	161	23-Mar-20
L14	TACD:((display* or screen* or monitor*) and (stack* or array* or matrix* or matric* or grid*) w5 (waveguide* or (wave* w1 guide*)) wp2 ((absorb* or absorp*) wp (transmiss* or transparen*) wp (*filter* or *screen*)))	EFAM	68	23-Mar-20
L13	TAC:((display* or screen* or monitor*) and (stack* or	EFAM	3	23-Mar-20

	array* or matrix* or matric* or grid*) w5 (waveguide* or (wave* w1 guide*)) wp2 ((absorb* or absorp*) wp (transmiss* or transparen*) wp (*filter* or *screen*))			
L12	TA:((display* or screen* or monitor*) and (stack* or array* or matrix* or matric* or grid*) w5 (waveguide* or (wave* w1 guide*)) wp2 ((absorb* or absorp*) wp (transmiss* or transparen*) wp (*filter* or *screen*))	EFAM	1	23-Mar-20
L11	((INV:(Mohammadreza Khorasaninejad OR victor kai liu OR dianmin lin OR christophe peroz OR pierre st. hilaire) OR AASN:(MAGIC LEAP INC)) AND TACD:((display* or screen* or monitor*) and (stack* or array* or matrix* or matric* or grid*) w5 (waveguide* or (wave* w1 guide*)) wp2 ((absorb* or absorp*) wp (transmiss* or transparen*) wp (*filter* or *screen*))	EFAM	0	23-Mar-20
L10	((INV:(Mohammadreza Khorasaninejad OR victor kai liu OR dianmin lin OR christophe peroz OR pierre st. hilaire) OR AASN:(MAGIC LEAP INC)) AND TACD:((display* or screen* or monitor*) and (stack* or array* or matrix* or matric* or grid*) w5 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength))	EFAM	37	23-Mar-20
L9	((INV:(Mohammadreza Khorasaninejad OR victor kai liu OR dianmin lin OR christophe peroz OR pierre st. hilaire) OR AASN:(MAGIC LEAP INC)) AND TACD:((display* or screen* or monitor*) and (stack* or array* or matrix* or matric* or grid*) w4 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength))	EFAM	37	23-Mar-20
L8	((INV:(Mohammadreza Khorasaninejad OR victor kai liu OR dianmin lin OR christophe peroz OR pierre st. hilaire) OR AASN:(MAGIC LEAP INC)) AND TAC:((display* or screen* or monitor*) and (stack* or array* or matrix* or matric* or grid*) w4 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength))	EFAM	0	23-Mar-20
L7	((INV:(Mohammadreza Khorasaninejad OR victor kai liu OR dianmin lin OR christophe peroz OR pierre st. hilaire) OR AASN:(MAGIC LEAP INC)) AND TA:((display* or screen* or monitor*) and (stack* or array* or matrix* or matric* or grid*) w4 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength))	EFAM	0	23-Mar-20
L6	INV:(Mohammadreza Khorasaninejad OR victor kai liu OR dianmin lin OR christophe peroz OR pierre st. hilaire)	EFAM	61	23-Mar-20
L5	AASN:(MAGIC LEAP INC)	EFAM	425	23-Mar-20
L4	(INV:(Mohammadreza Khorasaninejad OR victor kai liu OR dianmin lin OR christophe peroz OR pierre st. hilaire) OR AASN:(MAGIC LEAP INC))	EFAM	459	23-Mar-20
L3	INV:(Mohammadreza Khorasaninejad OR victor kai liu OR dianmin lin OR christophe peroz OR pierre st.	EFAM	27	23-Mar-20

	hilaire) AND AASN:(MAGIC LEAP INC)			
L2	TA:((display* or screen* or monitor*) and (stack* or array* or matrix* or matric* or grid*) w4 (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength))	EFAM	0	23-Mar-20
L1	TA:((display* or screen* or monitor*) and (stack* or array* or matrix* or matric* or grid*) and (waveguide* or (wave* w1 guide*)) and (absorb* or absorp*) and (transmiss* or transparen*) and (*filter* or *screen*) and (wavelength))	EFAM	2	23-Mar-20

Google Patents:

Virtual reality display waveguide stack

Virtual reality display layered waveguide

Display waveguide stack

Virtual or hologram display waveguides

Orbit:

Search Step	Result(s)	Query
5	165	((DISPLAY+ OR SCREEN+ OR MONITOR+) AND ((STACK+ OR ARRAY+ OR MATRIX+ OR MATRIC+ OR GRID+) 6W (WAVEGUIDE+ OR (WAVE+ 1W GUIDE+))) AND (((ABSORB+ OR ABSORP+) P (TRANSMISS+ OR TRANSPAREN+)) P (+FILTER+ OR +SCREEN+)))/TI/AB/CLMS/DESC/ODES AND ((DISPLAY+ OR SCREEN+ OR MONITOR+)/TI/AB)
4	768	((DISPLAY+ OR SCREEN+ OR MONITOR+) AND ((STACK+ OR ARRAY+ OR MATRIX+ OR MATRIC+ OR GRID+) 6W (WAVEGUIDE+ OR (WAVE+ 1W GUIDE+))) AND (((ABSORB+ OR ABSORP+) AND (TRANSMISS+ OR TRANSPAREN+)) AND (+FILTER+ OR +SCREEN+)))/TI/AB/CLMS/DESC/ODES AND ((DISPLAY+ OR SCREEN+ OR MONITOR+)/TI/AB)
3	738	((DISPLAY+ OR SCREEN+ OR MONITOR+) AND ((STACK+ OR ARRAY+ OR MATRIX+ OR MATRIC+ OR GRID+) 6W (WAVEGUIDE+ OR (WAVE+ W1 GUIDE+))) AND (((ABSORB+ OR ABSORP+) AND (TRANSMISS+ OR TRANSPAREN+)) AND (+FILTER+ OR +SCREEN+)))/TI/AB/CLMS/DESC/ODES AND ((DISPLAY+ OR SCREEN+ OR MONITOR+)/TI/AB)
2	1831	((DISPLAY+ OR SCREEN+ OR MONITOR+) AND ((STACK+ OR ARRAY+ OR MATRIX+ OR MATRIC+ OR GRID+) 6W (WAVEGUIDE+ OR (WAVE+ W1 GUIDE+))) AND (((ABSORB+ OR ABSORP+) OR (TRANSMISS+ OR TRANSPAREN+)) AND (+FILTER+ OR +SCREEN+)))/TI/AB/CLMS/DESC/ODES AND ((DISPLAY+ OR SCREEN+ OR MONITOR+)/TI/AB)
1	8567	((DISPLAY+ OR SCREEN+ OR MONITOR+) AND ((STACK+ OR ARRAY+ OR MATRIX+ OR MATRIC+ OR GRID+) 6W (WAVEGUIDE+ OR (WAVE+ W1 GUIDE+))) AND (((ABSORB+ OR ABSORP+) OR (TRANSMISS+ OR

		TRANSPAREN+)) AND (+FILTER+ OR +SCREEN+)))/TI/AB/CLMS/DESC/ODES
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Non-Patent Literature (NPL) Search Strategy/Results:**Google:**

(Virtual OR augmented OR mixed) reality display waveguide stack

Virtual reality display layered waveguide

Display waveguide stack

Virtual or hologram display waveguides dye filters

Color filter display panel multiple waveguides

Virtual or hologram display waveguides

Hologram display

EBSCO:

(Virtual OR augmented OR mixed) display waveguides dye filters

Color filter display panel multiple waveguides

hologram display waveguides

IEEE:

(Virtual OR augmented OR mixed) reality display waveguides

Color filter display panel multiple waveguides

Virtual display waveguides dye filters