

**Information on Search Strategy - Pilot phase (see OJ 2015, A86)**

The type of information contained in this sheet may change during the pilot for improving the usefulness of this new service.

Application Number

PCT/EP2018/077848

TITLE: HYBRID FABRICS OF HIGH PERFORMANCE POLYETHYLENE FIBER

APPLICANT: DSM IP ASSETS B.V.

IPC CLASSIFICATION: C08J5/04, D03D15/00

EXAMINER: Heinzlmann, Eric

CONSULTED DATABASES: WPI, NPL

CLASSIFICATION SYMBOLS DEFINING EXTENT OF THE SEARCH:

IPC:

CPC: C08J5/047, D10B2321/0211, C08J5/046, B32B2262/10, B32B2260/021, B32B2260/023, B32B2260/046, B32B2260/048, F41H1/02, D02G3, D03D15/00

FI/F-TERMS:

KEYWORDS OR OTHER ELEMENTS FEATURING THE INVENTION:

CONCEPT 1 :

EN - or UHMWPE, (9og ultra, high, molecul+, weight+, poly?ethylen+), (9og ultra, high, molecul+, weight+), dyneema, spectra, UHMW+, HMPE+, Endumax

DE - or (+hochmolekular+ 5d (or PE, polyethylen+)), dyneema, spectra, UHMW+, (hochleistungsfaser+ 5d (or PE, polyethylen+)), HMPE+, Endumax

CONCEPT 2 :

EN - or (basalt 5d fib[re,er]+), (wollastonit+ 5d fib[re,er]+), (glass 5d fib[re,er]+), (carbon 5d fib[re,er]+)

DE - or basaltfaser+, wollastonit+, glasfaser+, carbonfaser+

CONCEPT 3 :

EN - or (lin+ 5d densit+), (volumetric+ 5d densit+), (length+ 5d number+), dtex, tex, Nm, denier, ktex

DE - or dichte+, (lin+ 5d dichte+), dtex, tex, Nm, denier, titer, ktex

CONCEPT 4 :

Matrix EN - or resin+, matrix+, prepreg+, imregnat+

DE - or harz+, +matrix+, prepreg+, impr[ä,ae]gnier+

EN - or (ASTM 3d D885M+), tensil+, tenacit+, strength+, (tensil+ 5d modul+), E?modul+, (young 3w modul+), GPa, MPa, (1## 2w GPa)