

INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2019/078729

A. CLASSIFICATION OF SUBJECT MATTER*G05B 19/042*(2006.01)i; *G05B 17/02*(2006.01)i

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004078182 A1 (NIXON MARK [US] ET AL) 22 April 2004 (2004-04-22) paragraph [0027] - paragraph [0050]; claim 1; figures 1,3	1-29
X	EP 3079028 A1 (SIEMENS AG [DE]) 12 October 2016 (2016-10-12) paragraph [0001] - paragraph [0007]; figures 1,2 paragraph [0027] - paragraph [0032]	1-29
X	WO 2018162203 A1 (ENDRESS HAUSER PROCESS SOLUTIONS AG [CH]) 13 September 2018 (2018-09-13) paragraph [0009] - paragraph [0015]; figure 1	1-29

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

“A” document defining the general state of the art which is not considered to be of particular relevance

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“O” document referring to an oral disclosure, use, exhibition or other means

“P” document published prior to the international filing date but later than the priority date claimed

“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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“&” document member of the same patent family

Date of the actual completion of the international search

08 January 2020

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Name and mailing address of the ISA/EP

European Patent Office
p.b. 5818, Patentlaan 2, 2280 HV Rijswijk
Netherlands

Telephone No. (+31-70)340-2040

Facsimile No. (+31-70)340-3016

Authorized officer

Rakoczy, Tobias

Telephone No.

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

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				CN	101067750	A	07 November 2007
				DE	10348402	A1	13 May 2004
				DE	10362379	B3	29 November 2018
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				JP	2004178561	A	24 June 2004
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				US	2004078182	A1	22 April 2004
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				EP	3079028	A1	12 October 2016
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				DE	102017104912	A1	13 September 2018
				EP	3593213	A1	15 January 2020
				US	2020012249	A1	09 January 2020
				WO	2018162203	A1	13 September 2018