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INTERNATIONAL SEARCH REPORT

International application No

PCT/US2019/028850

A. CLASSIFICATION OF SUBJECT MATTER

INV. B29C64/35 B29C64/343 B29C64/209 B33Y10/00 B33Y30/00
 B29C48/375

ADD.

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)

B29C B33Y

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	EP 3 002 108 A1 (TYCO ELECTRONICS CORP [US]) 6 April 2016 (2016-04-06)	1-3, 10-12, 14-17,19
Y	paragraphs [0008], [0024]	4-9
A		13
Y	----- US 2002/153628 A1 (GIESLER JOERG [CH] ET AL) 24 October 2002 (2002-10-24)	4-9
A	paragraph [0028]; figure 1	13,17
A	----- CN 2 761 402 Y (OVERSEAS UNIV [CN]) 1 March 2006 (2006-03-01)	1,6,10, 17
	figure 2	
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Further documents are listed in the continuation of Box C.



See patent family annex.

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"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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Date of the actual completion of the international search

6 May 2021

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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X	----- WO 2016/014543 A1 (STRATASYS INC [US]) 28 January 2016 (2016-01-28) paragraphs [0039], [0071], [0120], [0121]; figure 9	10
A	----- US 2017/008230 A1 (YUYAMA SEIICHI [JP]) 12 January 2017 (2017-01-12) paragraph [0042]	1
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