

Title (en)  
ELECTRICAL CONNECTOR

Title (de)  
ELEKTRISCHER STECKVERBINDER

Title (fr)  
CONNECTEUR ÉLECTRIQUE

Publication  
**EP 3667823 A1 20200617 (EN)**

Application  
**EP 18211338 A 20181210**

Priority  
EP 18211338 A 20181210

Abstract (en)  
According to an aspect, there is provided a branch connector (100) for electrically connecting a plurality of wires with each other, the branch connector (100) comprising: a plurality of adjacent cavities (112, 114) for receiving the electrical wires through open ends (E1, E2) of the branch connector (100); a plurality of holes (202, 204, 206, 208) extending to the plurality of adjacent cavities (112, 114); and a plurality of pressing elements (512, 522, 532, 542) for extending through the plurality of holes (202, 204, 206, 208) and for pressing the electrical wires in the plurality of adjacent cavities (112, 114) against an electrically conducting body (110) of the branch connector (100), wherein the branch connector (100) further comprises a gap (120) extending in a direction that is parallel with a direction of the plurality adjacent cavities (112, 114).

IPC 8 full level  
**H01R 4/36** (2006.01); **H01R 4/26** (2006.01); **H01R 4/62** (2006.01); **H01R 9/24** (2006.01); **H01R 13/03** (2006.01)

CPC (source: EP)  
**H01R 4/36** (2013.01); **H01R 4/26** (2013.01); **H01R 4/62** (2013.01); **H01R 9/24** (2013.01); **H01R 13/03** (2013.01)

Citation (search report)  
• [X] DE 202016100468 U1 20160502 - HORA-WERK GMBH [DE]  
• [X] EP 2783422 A2 20141001 - 3M INNOVATIVE PROPERTIES CO [US]  
• [X] DE 202016100466 U1 20160502 - HORA-WERK GMBH [DE]  
• [A] DE 102014012296 A1 20160225 - SEIDL ROBERT [AT]

Cited by  
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3667823 A1 20200617**; **EP 3667823 B1 20230906**; **EP 3667823 C0 20230906**; PL 3667823 T3 20240122

DOCDB simple family (application)  
**EP 18211338 A 20181210**; PL 18211338 T 20181210