

Title (en)
HIGH-CURRENT CONNECTOR COMPRISING AN INSULATING BUSH

Title (de)
HOCHSTROMSTECKVERBINDER MIT ISOLIERHÜLSE

Title (fr)
CONNECTEUR POUR COURANTS FORTS MUNI D'UNE DOUILLE ISOLANTE

Publication
EP 3685471 A1 20200729 (DE)

Application
EP 18773929 A 20180906

Priority

- DE 102017121976 A 20170922
- DE 2018100761 W 20180906

Abstract (en)
[origin: WO2019057239A1] According to the invention, the connection side (A) of a high-current connector (1) is provided with an insulating bush (4) which is used to maintain the required air gaps and leakage distances between current-conducting and earth-connected parts while allowing a compact installation space.

IPC 8 full level
H01R 4/18 (2006.01); **H01R 9/05** (2006.01); **H01R 13/11** (2006.01); **H01R 13/502** (2006.01); **H01R 13/53** (2006.01); **H01R 13/58** (2006.01)

CPC (source: EP KR US)
H01R 4/183 (2013.01 - EP KR); **H01R 9/0521** (2013.01 - EP KR); **H01R 13/111** (2013.01 - KR); **H01R 13/5025** (2013.01 - EP KR); **H01R 13/53** (2013.01 - EP KR US); **H01R 13/5816** (2013.01 - EP KR US); **H01R 13/111** (2013.01 - EP)

Citation (search report)
See references of WO 2019057239A1

Cited by
FR3130083A1; WO2023105136A1

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)
WO 2019057239 A1 20190328; CN 111133633 A 20200508; CN 111133633 B 20211130; EP 3685471 A1 20200729; EP 3685471 B1 20210707; KR 102386790 B1 20220415; KR 20200049870 A 20200508; US 10992080 B2 20210427; US 2020266577 A1 20200820

DOCDB simple family (application)
DE 2018100761 W 20180906; CN 201880061213 A 20180906; EP 18773929 A 20180906; KR 20207011120 A 20180906; US 201816645208 A 20180906