

Title (en)
Electrical connector with water draining

Title (de)
Stecker mit Wasserablauf

Title (fr)
Connecteur électrique avec purge d'eau

Publication
EP 2251940 B1 20130213 (EN)

Application
EP 09006526 A 20090514

Priority
EP 09006526 A 20090514

Abstract (en)
[origin: EP2251940A1] An electrical connector comprising a plurality of terminals (2) connected to conductors (4), a connector housing (1), sealing means (3, 38) including a mat seal (3) for sealing around the conductors (4), a back plate (5) forming passages (58, 59) for the conductors (4), a peripheral seal (6), a TPA member (7) for locking the terminals (2), a hood (8), and a lever (9), the connector housing (1) having an extended housing cavity (13) that accommodates the mat seal (3) and the back plate (5), wherein a drain passage (16, 54) is created between the upper surface of the sealing means (3, 38) and the outside of the connector housing (1) for letting escape water that may have ingressed into the housing cavity (13) of the connector housing (1).

IPC 8 full level
H01R 13/52 (2006.01)

CPC (source: EP)
H01R 13/5221 (2013.01); **H01R 13/5227** (2013.01)

Cited by
EP2755284A4; US9166339B2; US11165194B2

Designated contracting state (EPC)
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