

Title (en)  
WATERPROOF CONNECTOR

Title (de)  
WASSERDICHTER STECKVERBINDER

Title (fr)  
RACCORD ÉTANCHE À L'EAU

Publication  
**EP 2751880 B1 20161130 (EN)**

Application  
**EP 12759270 A 20120801**

Priority  
• JP 2011186878 A 20110830  
• JP 2012004892 W 20120801

Abstract (en)  
[origin: WO2013031088A1] A waterproof connector includes a housing on which an opening is formed, and in which terminals connected with electric wires are housed; a mat seal which is installed into the opening of the housing, and through which the wires are inserted; a mat seal holder which is engaged with the opening of the housing by an engagement structure which prevents the mat seal from dropping off from the housing, and through which the wires are inserted; and an engagement strengthening portion which is provided on one of the housing and the mat seal holder and configured to strengthen an engagement of the engagement structure. According to the waterproof connector, retention of the mat seal in the housing can be improved.

IPC 8 full level  
**H01R 13/506** (2006.01); **H01R 13/52** (2006.01)

CPC (source: EP)  
**H01R 13/506** (2013.01); **H01R 13/5208** (2013.01)

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

DOCDB simple family (publication)  
**WO 2013031088 A1 20130307**; CN 103875132 A 20140618; CN 103875132 B 20160831; EP 2751880 A1 20140709; EP 2751880 B1 20161130; IN 2295CHN2014 A 20150619; JP 2013051042 A 20130314; JP 5767909 B2 20150826; KR 20140052071 A 20140502

DOCDB simple family (application)  
**JP 2012004892 W 20120801**; CN 201280041780 A 20120801; EP 12759270 A 20120801; IN 2295CHN2014 A 20140326; JP 2011186878 A 20110830; KR 20147008146 A 20120801