

Title (en)

Housing seal for electrical connection

Title (de)

Gehäusedichtung für eine Steckverbindung

Title (fr)

Joint de boîtier pour connexion électrique

Publication

EP 1727242 A3 20080416 (DE)

Application

EP 06009205 A 20060504

Priority

DE 202005008288 U 20050527

Abstract (en)

[origin: DE202005008288U1] A housing seal for a pluggable connection formed from a plug (2) and counter-plug (3) each of which has a sleeve (20,30). A sealing ring fixed on the plug sleeve (30) has an axial sealing zone (11) and a radial sealing zone (12), and the sealing ring (10) is fixed on a shoulder or collar (35) in the plug sleeve (30) by a slot (140).

IPC 8 full level

H01R 13/52 (2006.01)

CPC (source: EP US)

H01R 13/5219 (2013.01 - EP US)

Citation (search report)

- [X] US 5634808 A 19970603 - SHINJI YASUHISA [JP]
- [X] US 2881406 A 19590407 - ARSON SAMUEL L
- [X] US 2001041470 A1 20011115 - MAKITA YASUMITSU [JP]
- [X] US 4917620 A 19900417 - SAMEJIMA MASAKUNI [JP], et al
- [X] US 5336101 A 19940809 - KASUGAI MASAKUNI [JP], et al

Cited by

CN102598426A; DE102009003016B4; EP4254676A1; US9130304B2; WO2010130400A1; US11652314B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

DE 202005008288 U1 20050804; CA 2547553 A1 20061127; CN 1881701 A 20061220; EP 1727242 A2 20061129; EP 1727242 A3 20080416; JP 2006332061 A 20061207; US 2006270262 A1 20061130

DOCDB simple family (application)

DE 202005008288 U 20050527; CA 2547553 A 20060523; CN 200610087853 A 20060526; EP 06009205 A 20060504; JP 2006145709 A 20060525; US 38252806 A 20060510