

Title (en)

Electric outlet with sealing bellow

Title (de)

Elektrische Steckdose mit Dichtungsbalg

Title (fr)

Socle de prise de courant muni d'un dispositif d'étanchéité à soufflet

Publication

EP 1102362 B1 20040128 (FR)

Application

EP 00403159 A 20001114

Priority

FR 9914554 A 19991119

Abstract (en)

[origin: EP1102362A1] The electrical connector outlet socket had a lid (5) and electrical contacts (2) which are mounted in an insulating support (3) in a casing (4) which co-operate with opposing contacts in a connector (8). An inflated seal (14) is provided around the insulating support between it and the casing. An elastic spring is provided to bias the seal to a deployed position. The seal has a folded position in which it is biased by the front face of the connector against the spring.

IPC 1-7

H01R 13/62; **H01R 13/502**; **H01R 13/52**; **H01R 13/453**

IPC 8 full level

H01R 13/453 (2006.01); **H01R 13/52** (2006.01)

CPC (source: EP US)

H01R 13/4538 (2013.01 - EP US); **H01R 13/5202** (2013.01 - EP US); **H01R 13/447** (2013.01 - EP); **H01R 13/5213** (2013.01 - EP US); **H01R 13/6275** (2013.01 - EP)

Cited by

EP2343782A3; FR2909226A1; AU2007331366B2; US8092240B2; WO2008071882A3

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 1102362 A1 20010523; **EP 1102362 B1 20040128**; AU 7148200 A 20010524; AU 761526 B2 20030605; BR 0005402 A 20010925; CA 2325770 A1 20010519; DE 60007941 D1 20040304; DE 60007941 T2 20041223; ES 2211479 T3 20040716; FR 2801432 A1 20010525; FR 2801432 B1 20011221; JP 2001167841 A 20010622; MX PA00011189 A 20030312; TW 486844 B 20020511; US 6431888 B1 20020813; ZA 200006521 B 20010521

DOCDB simple family (application)

EP 00403159 A 20001114; AU 7148200 A 20001108; BR 0005402 A 20001116; CA 2325770 A 20001116; DE 60007941 T 20001114; ES 00403159 T 20001114; FR 9914554 A 19991119; JP 2000332267 A 20001031; MX PA00011189 A 20001114; TW 89123380 A 20001106; US 71452500 A 20001117; ZA 200006521 A 20001110