

Title (en)

Electric socket with controlled insertion and extraction forces

Title (de)

Steckdose mit kontrollierter Steck- und Ausziehkraft

Title (fr)

Prise de courant électrique à forces d'insertion et d'extraction contrôlées

Publication

**EP 1843434 B1 20081105 (FR)**

Application

**EP 07290280 A 20070305**

Priority

- FR 0610940 A 20061214
- FR 0603063 A 20060407

Abstract (en)

[origin: EP1843434A1] The socket has female contacts (3) with a retaining unit placed in an active or inactive configuration and formed of a retractable hook and a corresponding stop. The hook retains the stop, in the active configuration, and maintains a slider, with respect to a base, in an armed position in which the contacts are placed in a spaced configuration, by retractors (61). A bistable slider (6) is returned elastically, in the inactive configuration, by springs (R) to a rest position in which the retractors are disengaged from the contacts and permit the contacts to adopt a locked configuration.

IPC 8 full level

**H01R 13/193** (2006.01); **H01R 13/639** (2006.01)

CPC (source: EP)

**H01R 13/193** (2013.01); **H01R 13/6395** (2013.01)

Cited by

EP2056409A1; FR2923089A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1843434 A1 20071010; EP 1843434 B1 20081105**; AT E413704 T1 20081115; DE 602007000222 D1 20081218; ES 2317630 T3 20090416; FR 2899729 A1 20071012; FR 2899729 B1 20080627

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