

Title (en)

Socket having a movable hole bottom and a retractable shutter

Title (de)

Steckdose mit beweglichem Schachtboden und versenkbarer Abdeckplatte

Title (fr)

Prise de courant à fond de puits mobile et obturateur escamotable

Publication

**EP 1732174 A1 20061213 (FR)**

Application

**EP 06290924 A 20060607**

Priority

FR 0505765 A 20050607

Abstract (en)

The socket has electrical contacts for an electrical patch having complementary electrical pins, and a flap protecting drains and including holes mounted movable in translation in the drains and providing a passage for the pins. A locking mechanism prevents the translation of the flap towards the bottom of the drains and is de-activated under the effect of the introduction of the patch in the drains via the holes. A base (160) has female electrical contacts to receive the pins. A filler plate (110) ensures a displacement of the mechanism from a locking position towards a deactivated position.

IPC 8 full level

**H01R 13/453** (2006.01)

CPC (source: EP)

**H01R 13/4532** (2013.01); **H01R 13/4538** (2013.01)

Citation (applicant)

US 2735906 A 19560221

Citation (search report)

- [X] FR 1297909 A 19620706
- [X] US 4203640 A 19800520 - BICE CHARLES D [US], et al
- [X] US 6431888 B1 20020813 - CRESTIN JOSEPH [FR]
- [X] US 2735906 A 19560221
- [A] US 5096432 A 19920317 - CULLEN JOHN P [AU], et al
- [A] FR 2723476 A1 19960209 - BENSEBA DJAMAL [FR]

Cited by

CN109378622A; EP2456021A1; FR2967829A1; EP2146399A1; FR2934091A1; CN111211359A; CN102496831A; EP2555336A1; FR2978876A1; EP3841927A4; JP2021528826A; US11569607B2

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)

**EP 1732174 A1 20061213; EP 1732174 B1 20160810**; DK 1732174 T3 20161205; ES 2602236 T3 20170220; FR 2886775 A1 20061208; FR 2886775 B1 20161209; HU E029472 T2 20170228; PL 1732174 T3 20170731; PT 1732174 T 20161102

DOCDB simple family (application)

**EP 06290924 A 20060607**; DK 06290924 T 20060607; ES 06290924 T 20060607; FR 0505765 A 20050607; HU E06290924 A 20060607; PL 06290924 T 20060607; PT 06290924 T 20060607