

Title (en)

CONNECTOR WITH PROTECTIVE CONTACT AND WITH A LEAD-IN HELP COORDINATED TO THE CONNECTION SOCKET OF THE PROTECTIVE CONTACT

Publication

**EP 0391298 A3 19910327 (DE)**

Application

**EP 90106261 A 19900402**

Priority

DE 3911315 A 19890407

Abstract (en)

[origin: EP0391298A2] In an injection moulded connector, with a protective contact, for electrical apparatuses which can be connected to a mains socket, having an essentially U-shaped connector bridge for holding an earthing tongue with a hollow-cylindrical connecting socket for the protection lead of a consumer line, an insertion funnel with a conical perforating hole being allocated to this connecting socket, this insertion funnel is constructed on an L-shaped moulded part (21) which stands proud of the flat base plate of the connector bridge (1) and overhangs the connecting socket (19). In this way, a connector bridge is produced which is optimised in production terms to the extent that the cooling times for the moulded part are reduced as a result of less material being used. <IMAGE>

IPC 1-7

**H01R 19/06**; **H01R 13/504**

IPC 8 full level

**H01R 13/504** (2006.01); **H01R 24/30** (2011.01)

CPC (source: EP)

**H01R 13/655** (2013.01); **H01R 24/30** (2013.01); **H01R 2103/00** (2013.01)

Citation (search report)

- [X] FR 2538625 A1 19840629 - CEMREP [FR]
- [APD] EP 0332034 A2 19890913 - TALLER GMBH [DE]
- [A] DE 2532872 B2 19790322
- [A] DE 1540151 A1 19691211 - MERTEN GEB

Cited by

DE4012583A1; CN109888516A; EP0918375A1; EP0773606A3; EP0452761B1

Designated contracting state (EPC)

BE ES FR GB GR IT NL SE

DOCDB simple family (publication)

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