

Title (en)
Current distributor

Title (de)
Stromverteiler

Title (fr)
Distributeur de courant

Publication
EP 1168550 A3 20031210 (DE)

Application
EP 01112347 A 20010521

Priority
DE 10030954 A 20000624

Abstract (en)

[origin: US2002021550A1] The described current distributor (1) has a bus bar (2), a plug socket (3) connected to the bus bar (2), at least one contact element (4) which comprises an access connection, a consumer tapping and an element connecting the access connection and the consumer tapping, at least one plug connection for the plug contacts of a protective switch (8), which has a plug socket (3) of the bus bar (2) and an access socket of a contact element (4), and two signalling lines (9, 10). In order to produce such a current distributor inexpensively and to ensure reliability of operation, it is provided in accordance with the invention that the contact element (4) comprises a one-piece member.

IPC 1-7
H02B 1/056

IPC 8 full level
H01H 71/08 (2006.01); **H01H 71/46** (2006.01); **H01R 11/05** (2006.01); **H01R 25/00** (2006.01); **H01R 31/06** (2006.01); **H01R 13/642** (2006.01);
H01R 13/66 (2006.01)

CPC (source: EP US)

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H01R 31/06 (2013.01 - EP US); **H01R 13/642** (2013.01 - EP US); **H01R 13/652** (2013.01 - EP US); **H01R 13/6608** (2013.01 - EP US);
H01R 24/22 (2013.01 - EP US); **H01R 24/30** (2013.01 - EP US); **H01R 2103/00** (2013.01 - EP US)

Citation (search report)

- [X] US 6002580 A 19991214 - LEVANTINE DANIEL M [US], et al
- [Y] EP 0833408 A2 19980401 - WEIDMUELLER INTERFACE [DE]
- [Y] DE 19629318 A1 19970220 - ELLENBERGER & POENSGEN [DE]
- [X] US 5439396 A 19950808 - MAGDALENO JOSE L [US]

Cited by
CN102254751A; CN102254752A; CN113228836A; US2021291766A1; US11653450B2

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DOCDB simple family (publication)

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