

Title (en)
Electrical connector

Title (de)
Elektrischer Steckverbinder

Title (fr)
Connecteur électrique

Publication
EP 1786068 A1 20070516 (DE)

Application
EP 05024418 A 20051109

Priority
EP 05024418 A 20051109

Abstract (en)
The connector has a housing (12), and an electrical connection unit (14) that is locked by a latch (18) in an end position. Another locking unit (20) is movable into a locking position for locking the connection unit, which is engaged at the end position. The connection unit is movable into the end position during transferring the unit (20) into the locking position when the connection unit is not engaged in the end position. A tolerance is provided between the unit (20) and the connection unit such that the force, which is occurred during loading the connection unit, is carried by the latch.

IPC 8 full level
H01R 13/436 (2006.01)

CPC (source: EP)
H01R 13/4361 (2013.01); **H01R 13/432** (2013.01); **H01R 13/62922** (2013.01)

Citation (search report)

- [XY] DE 9410430 U1 19951102 - BOSCH GMBH ROBERT [DE]
- [X] US 4711508 A 19871208 - SUEYOSHI TADAHIRO [JP]
- [X] US 5569054 A 19961029 - YAGI SAKAI [JP], et al
- [Y] EP 0840401 A1 19980506 - HIRSCHMANN RICHARD GMBH [AT]

Cited by
US9160104B2; WO2011144514A1

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 1786068 A1 20070516; **EP 1786068 B1 20080806**; AT E403957 T1 20080815; DE 502005004962 D1 20080918

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EP 05024418 A 20051109; AT 05024418 T 20051109; DE 502005004962 T 20051109