

Title (en)
ELECTRICAL CONNECTOR FOR A MOTOR VEHICLE

Title (de)
ELEKTRISCHER STECKVERBINDER FÜR EIN KRAFTFAHRZEUG

Title (fr)
CONNECTEUR ELECTRIQUE D'UN VEHICULE AUTOMOBILE

Publication
EP 1891711 A1 20080227 (DE)

Application
EP 06762041 A 20060614

Priority
• EP 2006005710 W 20060614
• DE 102005028037 A 20050617

Abstract (en)
[origin: US7645156B2] A connector includes first and second plug-and-socket connector parts and a connection element. The first connector part has a latch operable to connect the connector parts together. The connection element is connected and is displaceable with respect to the first connector part between first and second positions. The connection element has a pair of locking tabs operable with the latch such that the connection element is fixed in the first position until the latch connects the connector parts together and such that the connection element is movable from the first position to the second position when the latch connects the connector parts together. While in the first position the locking tabs release the latch connection such that the connector parts are separable from one another. While in the second position the locking tabs secure the latch connection such that the connector parts are securable connected to one another.

IPC 8 full level
H01R 13/639 (2006.01)

CPC (source: EP US)
H01R 13/6273 (2013.01 - EP US); **H01R 13/639** (2013.01 - EP US); **H01R 33/7671** (2013.01 - EP US); **H01R 2201/26** (2013.01 - EP US)

Cited by
EP2860826A1

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

DOCDB simple family (publication)
WO 2006133919 A1 20061221; AT E549775 T1 20120315; BR PI0613342 A2 20110104; DE 102005028037 A1 20061228;
EP 1891711 A1 20080227; EP 1891711 B1 20120314; ES 2383700 T3 20120625; JP 2008544446 A 20081204; JP 4757914 B2 20110824;
US 2008096406 A1 20080424; US 7645156 B2 20100112

DOCDB simple family (application)
EP 2006005710 W 20060614; AT 06762041 T 20060614; BR PI0613342 A 20060614; DE 102005028037 A 20050617; EP 06762041 A 20060614;
ES 06762041 T 20060614; JP 2008516226 A 20060614; US 98610007 A 20071120