

Title (en)  
Electric connector

Title (de)  
Elektrischer Verbinder

Title (fr)  
Connecteur électrique

Publication  
**EP 1257007 B1 20050817 (EN)**

Application  
**EP 02010575 A 20020510**

Priority  
IT TO20010072 U 20010511

Abstract (en)  
[origin: EP1257007A2] An electric connector (1) having an insulating casing (3) defining a number of cavities (4) for housing respective electric terminals (5); primary retaining means (17) for retaining the terminals (5) inside the respective cavities (4); secondary retaining means (20) having a movable member (21) connectable to the casing (3) in a first direction (C) to determine correct engagement of the terminals (5) by the primary retaining means (17), and to prevent release of the terminals; and lock means (25) interposed between the casing (3) and the movable member (21) to respectively define, in the first direction (C), a preassembly position wherein the movable member (21) permits insertion of the terminals (5) inside the respective cavities (4), and a fully assembled position achievable when the terminals (5) are engaged correctly by the primary retaining means (17); the lock means (25) having at least a first and a second opening (28, 29) formed on the movable member (21), and at least one tooth (26) carried by the casing (3) and which selectively engages the first and the second opening (28, 29) to define the preassembly position and the fully assembled position of the movable member (21) respectively; the first opening (28) and the tooth (26) defining a lock joint (31) in a second direction (B) opposite the first direction (C), to prevent full removal of the movable member (21) from the casing (3). <IMAGE> <IMAGE>

IPC 1-7  
**H01R 13/436**; **H01R 13/422**

IPC 8 full level  
**H01R 13/422** (2006.01); **H01R 13/436** (2006.01); **H01R 13/52** (2006.01)

CPC (source: EP)  
**H01R 13/4223** (2013.01); **H01R 13/4365** (2013.01); **H01R 13/5205** (2013.01)

Cited by  
WO2008104838A3; WO2006131610A1; US8231409B2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1257007 A2 20021113**; **EP 1257007 A3 20031001**; **EP 1257007 B1 20050817**; AT E302477 T1 20050915; DE 60205525 D1 20050922; DE 60205525 T2 20060629; IT TO20010072 U1 20021111; IT TO20010072 V0 20010511

DOCDB simple family (application)  
**EP 02010575 A 20020510**; AT 02010575 T 20020510; DE 60205525 T 20020510; IT TO20010072 U 20010511