

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

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DOCDB simple family (publication)
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