

Title (en)
PLUGGABLE AND LOCKABLE LINE CONNECTOR

Title (de)
STECKBARER UND VERRASTBARER LEITUNGSVERBINDER

Title (fr)
RACCORD DE CONDUITE EMBOITABLE ET BLOCABLE

Publication
EP 1567800 B9 20090909 (DE)

Application
EP 04798203 A 20041115

Priority
• DE 20319558 U 20031217
• EP 2004052958 W 20041115

Abstract (en)
[origin: EP2050996A1] The device consists of a connector part (2) with a plug section (8) for media-tight plugging into a complementary plugging section of the counter piece, at least one radial elastic spring arm (12) for latching to the counter piece in the assembled position and a securing element. The securing element is fixed by the latching arrangement in its initial position and the latching arrangement is designed so that a closure force for moving the securing element out of its initial position into the securing position is smaller than an opening force for moving it in the opposite direction.

IPC 8 full level
F16L 37/138 (2006.01)

CPC (source: EP KR)
F02M 37/0017 (2013.01 - EP); **F02M 55/002** (2013.01 - EP); **F02M 55/004** (2013.01 - EP); **F16L 37/00** (2013.01 - KR); **F16L 37/133** (2013.01 - EP); **F16L 37/138** (2013.01 - EP KR); **F02M 2200/853** (2013.01 - EP)

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2050996 A1 20090422; AT E426772 T1 20090415; CN 1894532 A 20070110; CN 1894532 B 20100728; DE 20319558 U1 20050428; DE 502004009218 D1 20090507; EP 1567800 A1 20050831; EP 1567800 B1 20090325; EP 1567800 B9 20090909; ES 2322856 T3 20090630; KR 100892014 B1 20090407; KR 20060126706 A 20061208; KR 20090024807 A 20090309; WO 2005059426 A1 20050630

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EP 08169594 A 20041115; AT 04798203 T 20041115; CN 200480037563 A 20041115; DE 20319558 U 20031217; DE 502004009218 T 20041115; EP 04798203 A 20041115; EP 2004052958 W 20041115; ES 04798203 T 20041115; KR 20067013879 A 20060710; KR 20097001343 A 20090121