

Title (en)
ELECTRIC PLUG CONNECTOR

Title (de)
ELEKTRISCHER STECKVERBINDER

Title (fr)
CONNECTEUR ELECTRIQUE ENFICHABLE

Publication
EP 1913659 A1 20080423 (DE)

Application
EP 06776788 A 20060811

Priority
• EP 2006007969 W 20060811
• DE 102005038167 A 20050812

Abstract (en)
[origin: US2008200076A1] An electric plug connector includes a guide sleeve, a plug connector part attachable to the guide sleeve, a bayonet ring on the connector part for rotatably engaging with the guide sleeve to move between unlocked and locked positions, and a locking button arranged on the bayonet ring to slide with the ring as the ring moves. While the connector part is attached to the guide sleeve the ring locks the attachment by engaging with the guide sleeve when the ring is in its locked position. The button is displaceable relative to the guide sleeve between inactivated and activated positions. The button includes a latching hook and a pin that interact with the sleeve to enable the button to move between its inactivated and activated positions. The latching hook and the pin engage with the sleeve when the button is in its activated position to secure the locking of the attachment.

IPC 8 full level
H01R 13/625 (2006.01); **H01R 13/639** (2006.01)

CPC (source: EP US)
H01R 13/625 (2013.01 - EP US); **H01R 13/639** (2013.01 - EP US)

Citation (search report)
See references of WO 2007020020A1

Designated contracting state (EPC)
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DE 502006003279 D1 20090507; EP 1913659 A1 20080423; EP 1913659 B1 20090325; ES 2326281 T3 20091006; JP 2009505343 A 20090205;
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