

Title (en)
Tight plug connection for high voltage cables in the automotive industry

Title (de)
Dichte Steckerverbindung für Hochspannungskabel im Automobilbau

Title (fr)
Connecteur étanche pour câbles à haute tension dans l'industrie automobile

Publication
EP 2192655 A3 20110126 (DE)

Application
EP 09176421 A 20091119

Priority
CH 18742008 A 20081201

Abstract (en)
[origin: EP2192655A2] The connector has a plug or socket (6) comprising a metal-retainer bush (15) for a cable, where the connector is molded completely with a thermoplastic elastomer or pure thermoplastic or silicone. A sleeve (10) is divided into two portions in a longitudinal axis. The sleeve is made of aluminum-die casting unit, and has a tubular sleeve section (11) and a conically extended sleeve section. The sleeve is pressed on an isolation layer (2). The two portions are welded, soldered or glued in a sealed manner. A shielding network (3) of a cable strand is laid over the tubular sleeve section.

IPC 8 full level
H01R 9/05 (2006.01); **H01R 13/533** (2006.01)

CPC (source: EP)
H01R 13/504 (2013.01); **H01R 13/5205** (2013.01); **H01R 13/5845** (2013.01); **H01R 43/0214** (2013.01); **H01R 2201/26** (2013.01)

Citation (search report)

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