

Title (en)
PLUG CONNECTION ARRANGEMENT FOR MEDIA-CONDUCTING LINES

Title (de)
STECKVERBINDUNGSANORDNUNG FÜR MEDIENFÜHRENDE LEITUNGEN

Title (fr)
SYSTÈME DE RACCORDEMENT PAR ENFICHAGE POUR CONDUITES ACHEMINANT DES FLUIDES

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EP 3230644 A1 20171018 (DE)

Application
EP 15787511 A 20151021

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Abstract (en)
[origin: WO2016091440A1] Plug connection arrangement for media-conducting lines, comprising a plug connector (100) and a mating plug (1) able to connect thereto, in particular an injector return flow pipe of a fuel injector. The plug connector (100) comprises a plug body (2) and a sleeve, wherein the sleeve (8) is arranged to at least partially radially surround the plug body. At least one spring-like latch arm (28) with a latch foot (6) is arranged on the plug body, and at least one retaining projection (22) corresponding to the at least one latch foot is arranged on the mating plug. In the mounted state of the plug connector on the mating plug, the at least one latch foot engages behind the at least one retaining projection, in the axial direction. In addition, at least one locking pin (7) is formed on the sleeve, wherein, in a locking position of the sleeve, the at least one locking pin prevents a radial expansion of the at least one latch arm. In the locking position, the sleeve is axially braced against the plug body by a spring element (12).

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Citation (search report)
See references of WO 2016091440A1

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