

Title (en)

HIGH TEMPERATURE RESISTANT PLUG CONNECTOR FOR A KNOCK SENSOR OF AN INTERNAL COMBUSTION ENGINE

Title (de)

HOCHTEMPERATURBESTÄNDIGER STECKVERBINDER FÜR EINEN KLOPFSENSOR EINER BRENNKRAFTMASCHINE

Title (fr)

CONNECTEUR ENFICHABLE À HAUTE RÉSISTANCE THERMIQUE CONÇU POUR UN CAPTEUR DE CLIQUETIS D'UN MOTEUR À COMBUSTION INTERNE

Publication

**EP 3485539 A1 20190522 (DE)**

Application

**EP 17739589 A 20170714**

Priority

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- EP 2017067910 W 20170714

Abstract (en)

[origin: WO2018011415A1] The invention relates to a method for mounting a plug connector (1), comprising a contact carrier (30), which is designed to receive at least one contact partner (22) that is arranged on an electrical conductor (21) of a cable (20), wherein the contact carrier (30) is inserted in an outer housing (40). The invention is characterized in that the contact carrier (30) is provided with a latching lug (31) for fixing the at least one contact partner (22) in the contact carrier (30), and at least one latching hook (32) arranged at the end thereof and acting on the cable (20). Both the latching lug (31) and the at least one latching hook (32) are moved from an initial position into a functional position whenever the contact carrier (30) is inserted into the outer housing (40).

IPC 8 full level

**H01R 13/52** (2006.01); **H01R 13/436** (2006.01); **H01R 13/58** (2006.01)

CPC (source: EP KR US)

**H01R 13/436** (2013.01 - US); **H01R 13/4361** (2013.01 - EP KR US); **H01R 13/502** (2013.01 - US); **H01R 13/5202** (2013.01 - EP KR US); **H01R 13/5205** (2013.01 - EP KR US); **H01R 13/5829** (2013.01 - EP KR US); **H01R 43/005** (2013.01 - US); **H01R 43/20** (2013.01 - US)

Citation (search report)

See references of WO 2018011415A1

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Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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