

Title (en)

Electrical connector and method for coupling an electrical connector to an actuator unit

Title (de)

Elektrischer Stecker und Verfahren zur Kopplung eines elektrischen Steckers an eine Antriebseinheit

Title (fr)

Connecteur électrique et procédé pour le couplage d'un connecteur électrique sur une unité d'actionnement

Publication

**EP 1961951 B1 20100127 (EN)**

Application

**EP 07003683 A 20070222**

Priority

EP 07003683 A 20070222

Abstract (en)

[origin: EP1961951A1] Electrical connector (30) for an injector (20) comprising a connector body (32), a pin (38) being mechanically coupled to the connector body (32) and being electrically coupable to a power supply, and an electric conductor (34) being electrically coupled to the pin (38) and being electrically coupable to an actuator unit (28) of the injector (20), the electric conductor (34) comprising a first conducting element (35) and a second conducting element (36), the first conducting element (35) having a first rigidity, the second conducting element (36) being elastically deformable and having a second rigidity being smaller than the first rigidity of the first conducting element (35), and the first conducting element (35) being coupled electrically to the second conducting element (36) in a manner that the second conducting element (36) electrically bridges a section (35c) of the first conducting element (35).

IPC 8 full level

**F02M 51/00** (2006.01); **H01R 13/533** (2006.01)

CPC (source: EP)

**F02M 51/005** (2013.01); **F02M 61/168** (2013.01); **H01R 13/533** (2013.01); **F02M 63/0026** (2013.01)

Cited by

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DE FR IT

DOCDB simple family (publication)

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**EP 07003683 A 20070222**; DE 602007004567 T 20070222