

Title (en)

ELECTRICAL CONNECTOR SYSTEM COMPRISING A SECONDARY LOCKING DEVICE

Title (de)

ELEKTRISCHES VERBINDERSYSTEM MIT SEKUNDÄRVERRIEGELUNGSVORRICHTUNG

Title (fr)

SYSTÈME DE CONNECTEUR ÉLECTRIQUE COMPRENANT UN DISPOSITIF DE VERROUILLAGE SECONDAIRE

Publication

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Application

EP 19161617 A 20190308

Priority

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Abstract (en)

[origin: EP3706253A1] The invention relates to an electrical connector system 10, in particular for a safety restraint system, comprising an electrical plug connector, including a connector housing 100 and at least two electrical contact elements 410, 420. The electrical connector system 10 further comprises a secondary locking device 300, wherein the secondary locking device includes a main body 302 and a first flexible arm 310. The main body 302 is provided with a pushing surface 340 for pushing the secondary locking device 300 from an unmated condition in a mated condition, along a mating direction A and the first flexible arm 310 extends from the pushing surface 340 to a first locking element 326. The first locking element 326 is provided at a distal portion of the first flexible arm and is adapted to lock with a corresponding first locking element of the plug connector, when the secondary locking device 300 is in the mated condition. The first flexible arm has a flexible rounded portion 314 at its proximal end that connects the first flexible arm 310 with the main body 302.

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