

Title (en)

PLUG-IN CONNECTOR COMPRISING A SECONDARY LOCKING MECHANISM IMPINGED BY A SPRING FORCE

Title (de)

STECKVERBINDER MIT FEDERKRAFT BEAUFSCHLAGTER SEKUNDÄRVERRIEGELUNG

Title (fr)

CONNECTEUR ENFICHABLE POURVU D'UN SYSTEME DE VERROUILLAGE SECONDAIRE SOUMIS A L'ACTION DE RESSORTS

Publication

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Application

EP 03797292 A 20030910

Priority

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- EP 0310070 W 20030910

Abstract (en)

[origin: WO2004027938A1] The invention relates to a plug-in connector (1), in particular for airbag retaining systems, comprising a first housing (2, 3), which can be locked into a mating connector (7) by means of locking arms (4a, 4b) and a secondary locking mechanism (5) that can be impinged by a spring force. Said secondary locking mechanism (5) has tongues (6a, 6b), which block the locking arms (4a, 4b) once the latter have engaged in the mating connector (7), in addition to detent arms (8a, 8b), which are blocked by the introduction of one edge (9) of the mating connector (7) until the locking arms (4a, 4b) are engaged and which then slide off the edge (9) as a result of the spring force that has accumulated up to this point, pressing the secondary locking mechanism (5) into its final position.

IPC 8 full level

H01R 13/627 (2006.01); **H01R 13/639** (2006.01)

CPC (source: EP KR US)

H01R 13/627 (2013.01 - KR); **H01R 13/6273** (2013.01 - EP US); **H01R 13/639** (2013.01 - KR); **H01R 13/639** (2013.01 - EP US)

Cited by

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