

Title (en)

ELECTRICAL PLUG-IN CONNECTOR PART AND ELECTRICAL PLUG-IN CONNECTION SYSTEM WITH LOCKING

Title (de)

ELEKTRISCHES STECKVERBINDETEIL UND ELEKTRISCHES STECKVERBINDUNGSSYSTEM MIT VERRIEGELUNG

Title (fr)

PIÈCE DE CONNECTEUR ÉLECTRIQUE ET SYSTÈME DE CONNEXION ÉLECTRIQUE AVEC VERROUILLAGE

Publication

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Application

EP 19717417 A 20190326

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Abstract (en)

[origin: WO2019192654A1] Electrical plug-in connector part and plug-in connection system, comprising a locking sleeve which has rotatable locking means, wherein the plug-in connector part can be plug-connected and detachably fixed to a mating plug part which has a tubular mating locking section which is associated with the locking sleeve and has mating locking means which are designed in a complementary manner to the locking means, and wherein the locking sleeve and the mating locking section axially interengage and can be fastened to one another by rotating the locking sleeve when the plug part is plug-connected to the mating plug part, and the locking sleeve is held on the plug part housing without play in the axial direction by means of a loading spring which is designed as a wave-form spring and is held in a rotationally fixed manner, and a distinct haptic and acoustic noise is produced by a spring element with a particular guide curve on the inner side of the locking sleeve in the event of locking.

IPC 8 full level

H01R 13/508 (2006.01); **H01R 13/625** (2006.01); **H01R 13/627** (2006.01); **H01R 13/641** (2006.01); **H01R 24/00** (2011.01)

CPC (source: EP)

H01R 13/508 (2013.01); **H01R 13/625** (2013.01); **H01R 13/641** (2013.01); **H01R 13/6277** (2013.01); **H01R 24/005** (2013.01)

Citation (search report)

See references of WO 2019192654A1

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DOCDB simple family (publication)

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