

Title (en)

ELASTIC CONNECTION PIN, CONNECTOR AND ELECTRONIC DEVICE COMPRISING SUCH PINS

Title (de)

ELASTISCHER VERBINDUNGSSTIFT, VERBINDER UND ELEKTRONISCHE VORRICHTUNG MIT SOLCHEN STIFTEN

Title (fr)

BROCHE DE CONNEXION ELASTIQUE, CONNECTEUR ET DISPOSITIF ELECTRONIQUE COMPORANT DE TELLES BROCHES

Publication

EP 3850711 B1 20230301 (FR)

Application

EP 19769153 A 20190913

Priority

- FR 1858313 A 20180914
- EP 2019074592 W 20190913

Abstract (en)

[origin: WO2020053438A1] The invention relates to a pin of an electrical connector, comprising a connecting section for connection to the connector and a free end section, the end section having a flat cross-section and being provided with a slot passing through the thickness of the end section and extending over a length of the free end section in order to form two blades parallel to each other, each one having a first straight edge bordering the slot and a second edge which extends opposite the slot and is provided with a contact portion projecting laterally in relation to an outer surface of the connecting section, the blades being transversely elastically deformable by varying the width of the slot. The invention also relates to a connector and to an electronic device comprising such a pin.

IPC 8 full level

H01R 12/58 (2011.01)

CPC (source: EP US)

H01R 12/585 (2013.01 - EP US); **H01R 13/405** (2013.01 - US); **H01R 13/112** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2020053438 A1 20200319; CN 112640219 A 20210409; CN 112640219 B 20221202; EP 3850711 A1 20210721; EP 3850711 B1 20230301; FR 3086109 A1 20200320; FR 3086109 B1 20210924; US 11469529 B2 20221011; US 2021249801 A1 20210812

DOCDB simple family (application)

EP 2019074592 W 20190913; CN 201980057760 A 20190913; EP 19769153 A 20190913; FR 1858313 A 20180914; US 201917273859 A 20190913