

Title (en)
ANGLED CONNECTOR WITH SHIELDING

Title (de)
ABGEWINKLETER STECKVERBINDER MIT ABSCHIRMUNG

Title (fr)
CONNECTEUR ENFICHABLE COUDÉ POURVU DE BLINDAGE

Publication
EP 3637556 B1 20230315 (DE)

Application
EP 19197715 A 20190917

Priority
DE 102018125337 A 20181012

Abstract (en)
[origin: CA3055842A1] An angled plug connector comprises an insulating housing, angled contact elements, a first shield and a second shielding. The insulating house has a plug side and a back side facing opposite the plug side. The angled contact elements establish a connection between a corresponding plug and a printed circuit board. The first and second shielding together form a shielded channel. The first shielding is formed as an angled metal sheet in one part. The first shielding is inserted from the back side facing opposite the plug side into the insulating housing. At least one of the first shielding and the second shielding has at least one spring tongue stamped therefrom for contacting with contacts of the corresponding plug within a plug-in region at the plug side of the insulating housing.

IPC 8 full level
H01R 12/72 (2011.01); **H01R 12/71** (2011.01); **H01R 13/6582** (2011.01); **H01R 13/6594** (2011.01)

CPC (source: CN EP US)
H01R 12/716 (2013.01 - CN EP); **H01R 12/724** (2013.01 - EP); **H01R 13/6581** (2013.01 - CN); **H01R 13/6582** (2013.01 - EP US); **H01R 43/16** (2013.01 - US); **H01R 43/18** (2013.01 - CN); **H01R 43/20** (2013.01 - CN US); **H01R 13/6594** (2013.01 - EP US)

Cited by
WO2023052062A1

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)
EP 3637556 A1 20200415; **EP 3637556 B1 20230315**; CA 3055842 A1 20200412; CN 111048953 A 20200421; CN 111048953 B 20230516; DE 102018125337 B3 20200319; DK 3637556 T3 20230612; FI 3637556 T3 20230609; JP 2020061368 A 20200416; TW 202029590 A 20200801; TW 1826538 B 20231221; US 11050193 B2 20210629; US 2020119494 A1 20200416

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