

Title (en)
CONNECTOR ASSEMBLY

Title (de)
STECKVERBINDERANORDNUNG

Title (fr)
AGENCEMENT DE CONNECTEUR ENFICHABLE

Publication
EP 4009452 B1 20230308 (DE)

Application
EP 21210335 A 20211125

Priority
DE 102020132011 A 20201202

Abstract (en)
[origin: US2022173551A1] A connector assembly includes a connector and a cable connected thereto. First and second inner conductor contacts are disposed within an outer conductor sleeve of the connector. The cable has first and second insulated inner conductors. The inner conductor contacts each have a mating portion, for mating with a mating connector, and a connecting portion, in which the inner conductors are connected, with a transition portion extending therebetween. The inner conductor contacts have a first contact spacing in the mating portion and a smaller second contact spacing in the connecting portion. In the transition portion, a transition from the first to the second contact spacing occurs continuously. In an end portion of the cable, the inner conductors are disposed parallel to each other within the outer conductor sleeve and are spaced apart from each other by a conductor spacing equal to the second contact spacing.

IPC 8 full level
H01R 13/6474 (2011.01); **H01R 13/6591** (2011.01); **H01R 24/20** (2011.01)

CPC (source: CN EP US)
H01R 4/18 (2013.01 - CN); **H01R 9/03** (2013.01 - CN); **H01R 13/6474** (2013.01 - EP); **H01R 13/6581** (2013.01 - CN);
H01R 13/65912 (2020.08 - US); **H01R 13/65915** (2020.08 - EP US); **H01R 13/506** (2013.01 - US); **H01R 24/20** (2013.01 - EP);
H01R 2103/00 (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)
EP 4009452 A1 20220608; **EP 4009452 B1 20230308**; CN 114583476 A 20220603; DE 102020132011 A1 20220602; ES 2942864 T3 20230607;
US 11588278 B2 20230221; US 2022173551 A1 20220602

DOCDB simple family (application)
EP 21210335 A 20211125; CN 202111415363 A 20211125; DE 102020132011 A 20201202; ES 21210335 T 20211125;
US 202117533150 A 20211123