

Title (en)
ELECTRIC POWER CABLE CONNECTOR ARRANGEMENT

Title (de)
ELEKTRISCHE STROMKABELVERBINDERANORDNUNG

Title (fr)
AGENCEMENT DE CONNECTEUR DE CÂBLE D'ALIMENTATION ÉLECTRIQUE

Publication
EP 4054027 A1 20220907 (EN)

Application
EP 22159503 A 20220301

Priority
IT 202100005204 A 20210305

Abstract (en)
Electric power cable connector arrangement (1) comprising a first electric power cable (100) comprising a first connector (110) having first concentric electrical conductors (120) mutually insulated, the first concentric electrical conductors (120) having a first power electric connection portion (130); a second electric power cable (200) comprising a second connector (210) having second concentric electrical conductors (220) mutually insulated, the second concentric electrical conductors (220) having a second power electric connection portion (230); a connecting element (300) releasably connecting the first connector (110) and the second connector (210) along a coupling direction (X-X) to connect the first electric power cable (100) with the second electric power cable (200); the first connector (110) comprises a first ground conductor (140) surrounding the first concentric electrical conductors (120) and extending beyond the first power electric connection portion (130) towards the connecting element (300) along the coupling direction (X-X); the second connector (210) comprises a second ground conductor (240) surrounding the second concentric electrical conductors (220) and extending beyond the second power electric connection portion (230) towards the connecting element (300) along the coupling direction (X-X).

IPC 8 full level
H01R 31/06 (2006.01); **H01R 24/38** (2011.01); **H01R 13/52** (2006.01); **H01R 13/639** (2006.01); **H01R 103/00** (2006.01); **H01R 105/00** (2006.01)

CPC (source: EP)
H01R 24/38 (2013.01); **H01R 31/06** (2013.01); **H01R 13/5213** (2013.01); **H01R 13/6392** (2013.01); **H01R 2103/00** (2013.01); **H01R 2105/00** (2013.01)

Citation (applicant)
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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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 4054027 A1 20220907; AU 2022201485 A1 20220922; IT 202100005204 A1 20220905

DOCDB simple family (application)
EP 22159503 A 20220301; AU 2022201485 A 20220303; IT 202100005204 A 20210305