

Title (en)
STAR-QUAD CABLE WITH SHIELD

Title (de)
STERNVIERER-KABEL MIT SCHIRM

Title (fr)
CÂBLE À QUARTE EN ÉTOILE AVEC BLINDAGE

Publication
EP 2697804 A1 20140219 (DE)

Application
EP 12707984 A 20120305

Priority

- DE 202011005273 U 20110414
- EP 2012000981 W 20120305

Abstract (en)
[origin: CA2825672A1] Star-quad cable for transmitting electrical signals with at least two pairs of electrical conductors (10, 12, 14, 16), wherein each conductor (10, 12, 14, 16) has a core (18) consisting of an electrically conductive material and a conductor sheath (20) consisting of an electrically insulating material which surrounds the core (18) radially, wherein the conductors (10, 12, 14, 16) are arranged at the corners of a square in a cross section of the star-quad cable, wherein the conductors (10, 12, 14, 16) of a pair are arranged at diagonally opposite corners of the square, wherein in each case four conductors (10, 12, 14, 16) are twisted with one another in accordance with a star-quad arrangement with a predetermined stranding factor, wherein a shield (22) consisting of an electrically conductive material and surrounding the two pairs of conductors (10, 12, 14, 16) radially on the outside is arranged. In this case, an additional insulator sheath (24) consisting of an electrically insulating material is arranged between the conductors (10, 12, 14, 16) and the shield (22).

IPC 8 full level
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CPC (source: EP KR US)
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Citation (search report)
See references of WO 2012139685A1

Cited by
EP3595099A1; WO2020011436A1; US11600954B2

Designated contracting state (EPC)
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