

Title (en)
THREE CORE POWER CABLES WITH SURROUNDING PLASTIC FILLER

Title (de)
DREIADRIGE STROMKABEL MIT UMGEBENDEM KUNSTSTOFFFÜLLER

Title (fr)
CÂBLES D'ALIMENTATION TRIPOLAIRES AVEC CHARGE PLASTIQUE ENVIRONNANTE

Publication
EP 3244422 B1 20200708 (EN)

Application
EP 16305537 A 20160509

Priority
EP 16305537 A 20160509

Abstract (en)
[origin: EP3244422A1] A power cable having the components of a traditional three-core, steel wire armored power cable, but eliminating the metallic armoring wires. Impact resistance is provided by extruded plastic fillers (3) that are arranged to fill the interstices between conductors, and surround the conductors. The plastic fillers comprise an interstices-filling central portion (12) and two outwardly extending curved wing portions (13). The wing portions have a length and shape such that ends of adjacent wing portions abut one another and form a barrier between the intermediate core and the outer covering. The curved inner surface of the wing portions, together with curved inner surfaces of the interstices-filling central portion form semi-circular or mostly circular channels with which are positioned the cores.

IPC 8 full level
H01B 7/18 (2006.01)

CPC (source: EP)
H01B 7/1895 (2013.01)

Citation (examination)

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Citation (opposition)
Opponent : AKER SOLUTIONS AS

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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

DOCDB simple family (publication)
EP 3244422 A1 20171115; EP 3244422 B1 20200708; DK 3244422 T3 20201012

DOCDB simple family (application)
EP 16305537 A 20160509; DK 16305537 T 20160509