

Title (en)
HYBRID STRANDED CONDUCTOR

Title (de)
HYBRIDLITZE

Title (fr)
CÂBLE TORONNÉ HYBRIDE

Publication
EP 3325711 B1 20191127 (DE)

Application
EP 16753571 A 20160721

Priority
• AT 506492015 A 20150723
• AT 2016060012 W 20160721

Abstract (en)
[origin: WO2017011847A1] The invention relates to a hybrid stranded conductor (1), comprising a core (2) and outer wires (3') arranged around said core (2), wherein at least a part of the outer wires (3') is compressed, wherein the compressed outer wires have a flattened cross-sectional shape, the outer wires (3') are composed of steel, and the core (2) is a fiber core. The invention further relates to a corresponding production method for such a hybrid stranded conductor (1).

IPC 8 full level
D07B 5/00 (2006.01); **D07B 7/02** (2006.01)

CPC (source: AT EP KR US)
D07B 1/005 (2013.01 - EP KR US); **D07B 1/0693** (2013.01 - AT); **D07B 1/08** (2013.01 - AT); **D07B 1/165** (2013.01 - US);
D07B 5/007 (2013.01 - EP KR US); **D07B 7/027** (2013.01 - EP KR US); **H01B 5/104** (2013.01 - US); **H01B 13/0207** (2013.01 - US);
D07B 2201/2019 (2013.01 - EP KR US); **D07B 2201/2039** (2013.01 - EP KR US); **D07B 2201/204** (2013.01 - EP KR US);
D07B 2201/2041 (2013.01 - US); **D07B 2201/2055** (2013.01 - EP KR US); **D07B 2205/3025** (2013.01 - US);
D07B 2401/2015 (2013.01 - EP KR US)

Cited by
CN109698048A

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)
WO 2017011847 A1 20170126; AT 517491 A1 20170215; AT 517491 B1 20170515; CA 2993238 A1 20170126; CA 2993238 C 20201027;
EP 3325711 A1 20180530; EP 3325711 B1 20191127; JP 2018523027 A 20180816; JP 6687730 B2 20200428; KR 102164438 B1 20201013;
KR 20180042268 A 20180425; US 10640922 B2 20200505; US 2018209093 A1 20180726; ZA 201800968 B 20190731

DOCDB simple family (application)
AT 2016060012 W 20160721; AT 506492015 A 20150723; CA 2993238 A 20160721; EP 16753571 A 20160721; JP 2018522822 A 20160721;
KR 20187005472 A 20160721; US 201615746517 A 20160721; ZA 201800968 A 20180213