

Title (en)  
HBRID CONDUCTOR WITH CIRCUMFERENTIAL CONDUCTING LAYERS

Title (de)  
HYBRIDLEITER MIT UMLAUFENDEN LEITFÄHIGEN SCHICHTEN

Title (fr)  
CONDUCTEUR HYBRIDE À COUCHES CONDUCTRICES CIRCONFÉRENTIELLES

Publication  
**EP 3230985 A1 20171018 (EN)**

Application  
**EP 15816320 A 20151204**

Priority  
• US 201414564301 A 20141209  
• US 2015063863 W 20151204

Abstract (en)  
[origin: WO2016094201A1] A conducting medium or high voltage cable can include at least one conductor surrounded by an insulating layer. One or more layers of conducting wires can surround the insulating layers, and the layers of conducting wires themselves can be separated by insulating layers. The centrally disposed conductor and surrounding circumferential conducting layers can include copper, aluminum, or a combination of both. The central conductor can range between about 1000 kcmil to about 4000 kcmil cross-sectional area, and the surrounding layers of conducting wires can be at least about 250 kcmil.

IPC 8 full level  
**H01B 1/02** (2006.01); **H01B 9/02** (2006.01)

CPC (source: EP)  
**H01B 1/023** (2013.01); **H01B 1/026** (2013.01); **H01B 9/006** (2013.01); **H01B 7/303** (2013.01)

Citation (search report)  
See references of WO 2016094201A1

Cited by  
EP3341944A4

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)  
**WO 2016094201 A1 20160616**; EP 3230985 A1 20171018

DOCDB simple family (application)  
**US 2015063863 W 20151204**; EP 15816320 A 20151204