

Title (en)  
SIGNAL CABLE FOR HIGH-FREQUENCY SIGNAL TRANSMISSION

Title (de)  
SIGNALKABEL ZUR HOCHFREQUENTEN SIGNALÜBERTRAGUNG

Title (fr)  
CÂBLE DE TRANSMISSION DE SIGNAUX À HAUTE FRÉQUENCE

Publication  
**EP 2828862 A1 20150128 (DE)**

Application  
**EP 13713082 A 20130314**

Priority  
• DE 102012204554 A 20120321  
• EP 2013000770 W 20130314

Abstract (en)  
[origin: WO2013139452A1] In order to form a signal cable (2a, 2b), namely a coaxial cable (20) or a symmetrical cable (25), having at least one signal conductor (4a, 4b) for transmitting high-frequency signals in particular also in the gigahertz range with acceptable return loss (R), it is provided selectively or in combination that the signal conductor (4a) is formed as a stranded wire conductor (4) with a varying lay length (s) or that the signal cable (2b) is a symmetrical cable with signal conductors (4b) twisted together with a varying lay length (s).

IPC 8 full level  
**H01B 11/02** (2006.01); **H01B 11/18** (2006.01)

CPC (source: EP KR US)  
**H01B 7/0009** (2013.01 - EP US); **H01B 11/00** (2013.01 - KR); **H01B 11/02** (2013.01 - EP KR US); **H01B 11/18** (2013.01 - KR);  
**H01B 11/1808** (2013.01 - EP US)

Citation (search report)  
See references of WO 2013139452A1

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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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**DE 102012204554 A 20120321**; EP 13713082 A 20130314; EP 2013000770 W 20130314; JP 2015500791 A 20130314; KR 20147026269 A 20130314; US 201414492263 A 20140922