

Title (en)  
SUBSTANTIALLY FLAT FIRE-RESISTANT SAFETY CABLE

Title (de)  
IM WESENTLICHEN FLACHES FLAMMWIDRIGES SICHERHEITSKABEL

Title (fr)  
CABLE DE SECURITE RESISTANT AU FEU, SENSIBLEMENT PLAT

Publication  
**EP 1911044 B1 20120718 (FR)**

Application  
**EP 05793426 A 20050729**

Priority  
FR 2005001988 W 20050729

Abstract (en)  
[origin: WO2007012703A1] The invention concerns a flat fire-resistant safety cable (1), comprising: at least two electrical conductors (3), one insulating layer (4) around each electrical conductor (3) to provide at least two insulated elements (5), the insulating layer (4) consisting of at least one polymeric material transformable at least at the surface into ceramic state at high temperatures in case of fire; and an outer sheath (6) enclosing said insulated elements (5), said cable having, in cross-section, an outer profile including at least two substantially planar and substantially mutually parallel surfaces, and the insulated conductors being adjacent to each other, side by side and their axes being located in a common plane included between said at least two surfaces.

IPC 8 full level  
**H01B 3/30** (2006.01); **H01B 7/295** (2006.01)

CPC (source: EP US)  
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Cited by  
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**WO 2007012703 A1 20070201**; AU 2005334975 A1 20070201; AU 2005334975 B2 20120202; BR PI0520479 A2 20090929; BR PI0520479 B1 20171121; CA 2617098 A1 20070201; CA 2617098 C 20161018; EP 1911044 A1 20080416; EP 1911044 B1 20120718; ES 2395199 T3 20130211; US 2009133897 A1 20090528; US 2015000955 A1 20150101; US 8859903 B2 20141014; US 9659685 B2 20170523

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