

Title (en)

Electrical flat cable for motor vehicles

Title (de)

Elektrischer Flachbandleiter für Kraftfahrzeuge

Title (fr)

Câble plat électrique pour véhicules à moteur

Publication

EP 1688966 A1 20060809 (DE)

Application

EP 05012641 A 20050613

Priority

- EP 05002211 A 20050203
- EP 05012641 A 20050613

Abstract (en)

The ribbon conductor is made of aluminum with a profiled cross-section. The conductor is formed from soft-annealed aluminum tape that is unwound from at least one coil. The tape may be unwound from one coil and divided into individual conductors. Extrusion presses may be used to form the ribbon conductor. An independent claim is included for a method of manufacturing a ribbon conductor.

IPC 8 full level

H01B 7/00 (2006.01); **H01B 7/08** (2006.01)

CPC (source: CN EP US)

C22C 21/00 (2013.01 - EP US); **H01B 7/0018** (2013.01 - EP US); **H01B 7/02** (2013.01 - CN); **H01B 7/08** (2013.01 - CN); **H01B 7/0823** (2013.01 - EP US); **H01B 13/14** (2013.01 - CN); **H01R 4/625** (2013.01 - EP US); **Y10T 29/49117** (2015.01 - EP US); **Y10T 29/49204** (2015.01 - EP US)

Citation (applicant)

- DE 4210202 A1 19930930 - TELEFUNKEN KABELSATZ GMBH [DE]
- JP 2001291433 A 20011019 - AUTO NETWORK GIJUTSU KENKYUSHO, et al
- "Aluminium Taschenbuch", vol. 3, ALUMINIUM VERLAG, pages: 632

Citation (search report)

- [Y] EP 1349180 A1 20031001 - NEXANS [FR]
- [Y] US 3952571 A 19760427 - YOKOTA MINORU, et al
- [A] US 5687602 A 19971118 - SAEN HARUO [JP], et al

Cited by

DE102017114579A1; DE102008061671B4; DE102012217618A1; DE102009008389B4; DE102006031839B4; DE102006031839A1; DE102006062850B4; DE102007027858A1; DE102007027858B4; DE102007063675B4; DE102013016073A1; DE102013016073B4; US8448836B2; DE102008061671A1; US8013249B2; DE102009008389A1; WO2018202251A1; DE102017114579B4

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2006051121 A1 20060518; AT E456177 T1 20100215; CN 105355294 A 20160224; DE 502006005976 D1 20100311; EP 1688966 A1 20060809; EP 1688966 B1 20140326; EP 2383840 A2 20111102; EP 2383840 A3 20140611; EP 2383840 B1 20160413; ES 2421156 T3 20130829; ES 2568486 T3 20160429; US 2008190641 A1 20080814; US 2008194127 A1 20080814; US 7598456 B2 20091006

DOCDB simple family (application)

EP 2006050187 W 20060112; AT 06708004 T 20060203; CN 201510674402 A 20060203; DE 502006005976 T 20060203; EP 05012641 A 20050613; EP 11168031 A 20050613; ES 06708011 T 20060203; ES 13167659 T 20060203; US 81371106 A 20060203; US 81514506 A 20060112