

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 B1 20140326 (DE)**

Application  
**EP 05012641 A 20050613**

Priority  
• EP 05002211 A 20050203  
• EP 05012641 A 20050613

Abstract (en)  
[origin: WO2006051121A1] The invention relates to an electrical ribbon conductor for a motor vehicle, which is produced from aluminum and has a profiled cross-section. The aim of the invention is to provide an electrical ribbon conductor that can be easily processed. For this purpose, the ribbon conductor is produced from a soft-annealed aluminum sheet that is uncoiled from at least one coil.

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 (examination)  
• US 3512221 A 19700519 - SCHOERNER ROGER J  
• EP 1247873 A1 20021009 - VAW VER ALUMINIUM WERKE AG [DE]  
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• US 6221185 B1 20010424 - TANZMANN WOLFGANG [DE], et al

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

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