

Title (en)
Electrical flat ribbon conductor for motor vehicles

Title (de)
Elektrischer Flachbandleiter für Kraftfahrzeuge

Title (fr)
Conducteur électrique à bande plate pour véhicules automobiles

Publication
EP 2383840 A2 20111102 (DE)

Application
EP 11168031 A 20050613

Priority
• EP 05012641 A 20050613
• EP 05002211 A 20050203
• EP 11168031 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.

Abstract (de)
Die Erfindung betrifft einen elektrischen Flachbandleiter für Kraftfahrzeuge aus Aluminium und mit profiliertem Querschnitt. Zur Ermöglichung einer einfachen Verarbeitung wird vorgeschlagen, dass der Flachbandleiter aus von zumindest einem Coil abgewickelten, weichgeglühten Aluminiumblech gebildet ist.

IPC 8 full level
H01R 4/02 (2006.01); **H01R 43/02** (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

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