

Title (en)

Electric connector for vehicles

Title (de)

Elektrischer Verbinder, insbesondere für Kraftfahrzeuge

Title (fr)

Connecteur électrique pour véhicules

Publication

EP 0849120 B1 20060802 (DE)

Application

EP 97117593 A 19971010

Priority

DE 19646716 A 19961112

Abstract (en)

[origin: WO9821069A1] This invention concerns an electrical connector for producing a connection with at least one conductor essentially positioned in a flexible foil with a dielectric housing with a receptacle for inserting the flexible foil and the at least one conductor which permits cost savings, yet improves quality. To that effect, at least one contact pin for producing an electrical contact to the at least one conductor is provided. The contact pin exerts a force on the electrical conductor and/or the flexible foil which provides both a mechanical contact of the conductor with the pin and an electrical contact.

IPC 8 full level

B60R 16/02 (2006.01); **H01R 4/10** (2006.01); **H01R 4/26** (2006.01); **H01R 12/67** (2011.01); **H01R 12/77** (2011.01)

CPC (source: EP US)

H01R 12/67 (2013.01 - EP US); **H01R 12/772** (2013.01 - EP US)

Citation (examination)

- US 5397247 A 19950314 - AOKI YOSHIHITO [JP], et al
- US 4934947 A 19900619 - BRUMMANS WILHELMUS J [NL]
- US 5542855 A 19960806 - ASAI KIYOSHI [JP]

Cited by

DE19957789A1; US6564450B2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

DE 19646716 A1 19980514; **DE 19646716 B4 20080828**; DE 59712707 D1 20060914; EP 0849120 A1 19980624; EP 0849120 B1 20060802; JP 2001504978 A 20010410; JP 4033912 B2 20080116; US 6299473 B1 20011009; WO 9821069 A1 19980522

DOCDB simple family (application)

DE 19646716 A 19961112; DE 59712707 T 19971010; DE 9702652 W 19971112; EP 97117593 A 19971010; JP 52204798 A 19971112; US 30808399 A 19991221