

Title (en)

Interface module for connection to a bus system

Title (de)

Interface-Baustein für den Anschluss an ein Bussystem

Title (fr)

Module d'interface pour la connexion à un système de bus

Publication

EP 0871245 A3 20000119 (DE)

Application

EP 98106435 A 19980408

Priority

DE 19714637 A 19970409

Abstract (en)

[origin: EP0871245A2] The interface module has a pair of housing elements 2,4 within which there is a contact unit 6 to engage the bus lines 8 that are clamped between the two units. Guide sections 10 with formed channels are provided for location of the bus line cables. The contact element is formed with pointed contacts that pierce the insulation of the cable.

IPC 1-7

H01R 9/07; **H01R 4/24**

IPC 8 full level

H01R 4/24 (2006.01); **H01R 12/08** (2006.01); **H01R 12/61** (2011.01); **H01R 12/67** (2011.01); **H02G 15/06** (2006.01); **H04L 12/02** (2006.01); **H05K 5/00** (2006.01)

CPC (source: EP US)

H01R 12/616 (2013.01 - EP); **H01R 12/675** (2013.01 - EP US); **H01R 4/2406** (2017.12 - EP US); **H01R 4/242** (2013.01 - EP); **H01R 4/2425** (2013.01 - EP)

Citation (search report)

- [A] WO 9424725 A1 19941027 - SIEMENS AG [DE], et al
- [A] DE 4400476 A1 19950713 - STAIGER STEUERUNGSTECH [DE]
- [A] DE 4320327 C1 19940601 - SIEMENS AG [DE]
- [A] EP 0726623 A2 19960814 - LUMBERG KARL GMBH & CO [DE]
- [A] DE 885105 C 19530803 - JORDAN PAUL
- [A] DE 4005351 A1 19910822 - MINNESOTA MINING & MFG [US]
- [A] EP 0382482 A2 19900816 - MOLEX INC [US]

Cited by

DE102006001371A1; FR2825522A1; DE10221477A1; DE10221477B4; US7695308B2

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