

Title (en)

SYSTEM FOR TRANSMITTING ELECTRIC SIGNALS BETWEEN MOVING PARTS WITH A REDUCED NUMBER OF PATHS

Title (de)

ANORDNUNG ZUR ÜBERTRAGUNG ELEKTRISCHER SIGNALE ZWISCHEN BEWEGTEN TEILEN MIT VERRINGERTER WEGEZAHL

Title (fr)

DISPOSITIF DE TRANSMISSION DE SIGNAUX ELECTRIQUES ENTRE DES ELEMENTS MOBILES AVEC NOMBRE DE TRAJECTOIRES LIMITE

Publication

**EP 1252717 A2 20021030 (DE)**

Application

**EP 00989815 A 20001130**

Priority

- DE 0004263 W 20001130
- DE 19957621 A 19991130

Abstract (en)

[origin: WO0141316A2] The invention relates to a system for transmitting electric signals and/or energy between parts that can be displaced relative to one another. The inventive system comprises at least two electric conductors disposed on the first part and adapted to the trajectory of the displacement and further parts that are in galvanic or at least capacitive or inductive contact with said conductors. The invention is further characterized in that at least one of the electric conductors that transmits simultaneously control and/or data signals is galvanically linked with the protective conductor by a filter so that it also fulfills the arresting function of the protective conductor.

IPC 1-7

**H04B 1/00**

IPC 8 full level

**A61B 6/00** (2006.01); **H04B 5/00** (2006.01)

CPC (source: EP US)

**A61B 6/56** (2013.01 - EP US); **H04B 5/00** (2013.01 - EP US); **H04B 5/22** (2024.01 - EP US); **H04B 5/266** (2024.01 - EP US); **H04B 5/28** (2024.01 - EP US)

Citation (search report)

See references of WO 0141316A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0141316 A2 20010607**; **WO 0141316 A3 20011206**; DE 19957621 A1 20010613; DE 19957621 C2 20011129; EP 1252717 A2 20021030; US 2003016182 A1 20030123

DOCDB simple family (application)

**DE 0004263 W 20001130**; DE 19957621 A 19991130; EP 00989815 A 20001130; US 15833002 A 20020530