

Title (en)

Monitoring device suitable for flexible heating elements

Title (de)

Überwachungseinrichtung für flexible Heizelemente

Title (fr)

Dispositif de surveillance pour éléments chauffants flexibles.

Publication

EP 1601235 A3 20070829 (DE)

Application

EP 05006383 A 20050323

Priority

DE 102004026458 A 20040529

Abstract (en)

[origin: EP1601235A2] The heating wires (8.1,8.2) in a motor vehicle seat are energised by connecting wires (3.1,3.2). Monitor wires (1), consisting of steel cable with an insulating fusible sheath and connected to a fuse (11), lie alongside the heating matrix and if overheating arises the sheath melts and fuses the system.

IPC 8 full level

H05B 3/34 (2006.01)

CPC (source: EP US)

H05B 3/342 (2013.01 - EP US); **H05B 2203/003** (2013.01 - EP US); **H05B 2203/005** (2013.01 - EP US); **H05B 2203/007** (2013.01 - EP US); **H05B 2203/011** (2013.01 - EP US); **H05B 2203/014** (2013.01 - EP US); **H05B 2203/017** (2013.01 - EP US); **H05B 2203/029** (2013.01 - EP US)

Citation (search report)

- [Y] DE 19831574 A1 20000127 - WET AUTOMOTIVE SYSTEMS AG [DE]
- [Y] US 4547658 A 19851015 - CROWLEY GEORGE C [US]

Cited by

USD911038S; US10841980B2; US10925119B2; WO2009056794A1

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

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1601235 A2 20051130; **EP 1601235 A3 20070829**; **EP 1601235 B1 20110112**; DE 102004026458 A1 20060105; DE 502005010827 D1 20110224; US 2005263519 A1 20051201; US 7067776 B2 20060627

DOCDB simple family (application)

EP 05006383 A 20050323; DE 102004026458 A 20040529; DE 502005010827 T 20050323; US 13735405 A 20050524