

Title (en)

Electrical heating element for heating seats and steering-wheels

Title (de)

Elektrisches Heizelement für Sitzheizungen und Lenkradheizungen

Title (fr)

Élément chauffant électrique destiné au chauffage des sièges et des volants

Publication

**EP 1337129 B1 20110316 (DE)**

Application

**EP 03001077 A 20030118**

Priority

DE 10206336 A 20020214

Abstract (en)

[origin: EP1337129A2] Electrical heating element for heating units of seats and steering wheels, comprises conductor(s) having core-coated wire(s) that serves as heat conductor(s) (1), contact conductor (3) or lead of temperature probe. The core of the wire comprises copper or copper alloy, and the core comprises steel or vice versa. Independent claims are also included for: (a) a seat heating unit or steering wheel, and a seat which both contain heating element(s); and (b) a seat containing at least one heating element.

IPC 8 full level

**H05B 3/84** (2006.01); **H05B 3/12** (2006.01); **H05B 3/34** (2006.01)

CPC (source: EP US)

**H05B 3/12** (2013.01 - EP US); **H05B 3/345** (2013.01 - EP US); **H05B 2203/013** (2013.01 - EP US); **H05B 2203/017** (2013.01 - EP US); **H05B 2203/029** (2013.01 - EP US)

Cited by

EP2285180A1; WO2007031324A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

Designated extension state (EPC)

AL LT LV MK RO

DOCDB simple family (publication)

**EP 1337129 A2 20030820**; **EP 1337129 A3 20070523**; **EP 1337129 B1 20110316**; AT E502506 T1 20110415; DE 10206336 A1 20030904; DE 10206336 B4 20041007; DE 50313536 D1 20110428; US 2003150850 A1 20030814; US 7041943 B2 20060509

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**EP 03001077 A 20030118**; AT 03001077 T 20030118; DE 10206336 A 20020214; DE 50313536 T 20030118; US 36933603 A 20030214