

Title (en)
COMBINED SENSOR AND HEATING ELEMENT

Title (de)
KOMBINIERTES SENSOR- UND HEIZELEMENT

Title (fr)
ELEMENT DE DETECTION ET DE CHAUFFAGE COMBINE

Publication
EP 1692003 A1 20060823 (DE)

Application
EP 04790801 A 20041023

Priority
• EP 2004012010 W 20041023
• DE 10358791 A 20031212

Abstract (en)
[origin: WO2005061268A1] The invention relates to a combined sensor and heating element (1) which is particularly suitable for a motor vehicle seat. Said sensor and heating element comprises a sensor mat which comprises a carrier film (2) and a cover film (3), sensors (6) which are arranged between the carrier film (2) and the cover film (3), and sensor conductor paths, in addition to a heating conductor arrangement. According to the invention, the conductor paths (4) of the heating conductor arrangement are integrated into the sensor mat.

IPC 8 full level
B60N 2/00 (2006.01); **B60N 2/90** (2018.01); **B60N 2/56** (2006.01); **B60R 21/01** (2006.01); **B60R 21/015** (2006.01)

CPC (source: EP KR US)
B60N 2/00 (2013.01 - KR); **B60N 2/002** (2013.01 - EP US); **B60N 2/56** (2013.01 - KR); **B60N 2/5685** (2013.01 - EP US);
B60R 21/01 (2013.01 - KR); **B60R 21/01516** (2014.10 - EP US); **B60R 21/01532** (2014.10 - EP US); **B60R 21/0154** (2014.10 - EP US)

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 PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005061268 A1 20050707; DE 10358791 A1 20050804; EP 1692003 A1 20060823; JP 2007513826 A 20070531;
KR 100889435 B1 20090323; KR 20060096103 A 20060905; US 2007290532 A1 20071220

DOCDB simple family (application)
EP 2004012010 W 20041023; DE 10358791 A 20031212; EP 04790801 A 20041023; JP 2006543381 A 20041023;
KR 20067013939 A 20060711; US 58224304 A 20041023