

Title (en)  
DEVICE AND METHOD FOR DETECTING SEAT OCCUPANCY

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR SITZBELEGUNGSERKENNUNG

Title (fr)  
DISPOSITIF ET PROCEDE POUR DETECTER L'OCCUPATION D'UN SIEGE

Publication  
**EP 1889021 A1 20080220 (DE)**

Application  
**EP 06763423 A 20060531**

Priority

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- DE 102005027041 A 20050610

Abstract (en)  
[origin: DE102005027041B3] The seat upholstery detection device has first (A) and second (B) sensor elements, which are applied to a certain surface (2) of the seat (1), and produce weight-dependent electrical sensor signals (S). Which of the two sensor signals is used depends on the ambient temperature. Both sensors are applied to what is basically the same surface.

IPC 8 full level  
**B60R 21/015** (2006.01); **B60N 2/90** (2018.01); **G01G 19/414** (2006.01); **G01G 23/48** (2006.01)

CPC (source: EP KR US)  
**B60R 21/01516** (2014.10 - EP US); **B60R 21/01526** (2014.10 - EP US); **B60R 21/01532** (2014.10 - EP US); **G01G 19/4142** (2013.01 - EP US); **G01G 23/48** (2013.01 - EP US); **G01L 1/20** (2013.01 - KR)

Citation (search report)  
See references of WO 2006131483A1

Designated contracting state (EPC)  
FR LU

DOCDB simple family (publication)  
**DE 102005027041 B3 20061116**; EP 1889021 A1 20080220; JP 2008542777 A 20081127; KR 20080031687 A 20080410; US 2008204263 A1 20080828; US 7782218 B2 20100824; WO 2006131483 A1 20061214

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**DE 102005027041 A 20050610**; EP 06763423 A 20060531; EP 2006062793 W 20060531; JP 2008515198 A 20060531; KR 20077030293 A 20071226; US 91700706 A 20060531