

Title (en)
DEVICE FOR MEASURING LOAD IN A VEHICLE

Title (de)
VORRICHTUNG ZUR GEWICHTSMESSUNG IN EINEM FAHRZEUG

Title (fr)
DISPOSITIF POUR MESURER LES MASSES DANS UN V HICULE

Publication
EP 1535032 A1 20050601 (DE)

Application
EP 03709650 A 20030225

Priority
• DE 0300588 W 20030225
• DE 10232360 A 20020717

Abstract (en)
[origin: DE10232360A1] Weight measurement device for use in a motor vehicle has a strain element (2) that deforms under a weight force and instrumentation (5) for measuring the deformation using time of flight measurements. Optimally ultrasound impulses, generated by an ultrasonic probe are used for the time of flight measurements.

IPC 1-7
G01G 9/00; **G01G 19/414**

IPC 8 full level
B60R 21/01 (2006.01); **G01G 9/00** (2006.01); **G01G 19/414** (2006.01); **G01S 15/88** (2006.01); **B60R 21/015** (2006.01)

CPC (source: EP US)
B60R 21/01516 (2014.10 - EP US); **B60R 21/0152** (2014.10 - EP US); **B60R 21/01536** (2014.10 - EP US); **G01G 9/00** (2013.01 - EP US); **G01G 19/4142** (2013.01 - EP US); **G01S 15/88** (2013.01 - EP US)

Citation (search report)
See references of WO 2004017029A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
DE 10232360 A1 20040205; EP 1535032 A1 20050601; US 2006108153 A1 20060525; WO 2004017029 A1 20040226

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DE 10232360 A 20020717; DE 0300588 W 20030225; EP 03709650 A 20030225; US 52055905 A 20050816