

Title (en)
DOOR GAP MONITORING

Title (de)
TÜRSPALTÜBERWACHUNG

Title (fr)
CONTROLE DU JEU ENTRE DORMANT ET VANTAIL

Publication
EP 1509665 B1 20070103 (DE)

Application
EP 03752769 A 20030520

Priority
• AT 7802002 A 20020522
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Abstract (en)
[origin: US7603813B2] The present disclosure relates to a method of monitoring a door gap to determine whether a proper final closed position of doors exists after a closing of doors of rail vehicles, or other vehicles or elevators. The vehicles or elevators have at least one door leaf which is equipped on its main closing edge with an elastically deformable or elastically mounted profile. The position and/or shape of the profile is detected by electric, pneumatic, optical, inductive, capacitive or magnetic sensors or a combination of such sensors in connection with an electronic monitoring system which analyzes the signals of the sensors and, if applicable, determines the existence of the door gap. The method steps include closing the doors, activating the electronic monitoring system after the closing of the doors; monitoring the door gap and determining a final closed position of the doors by the electronic monitoring system.

IPC 8 full level
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CPC (source: EP US)
E05F 15/42 (2015.01 - EP US); **E05Y 2400/66** (2013.01 - EP US); **E05Y 2800/00** (2013.01 - EP US)

Cited by
US7603813B2; US9388634B2; US11634936B2; WO2013067549A1; US9309717B2

Designated contracting state (EPC)
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