

Title (en)  
TRAVEL SENSOR

Title (de)  
WEGSENSOR

Title (fr)  
DETECTEUR DE COURSE

Publication  
**EP 0917643 A1 19990526 (DE)**

Application  
**EP 98905220 A 19980108**

Priority  
• DE 9800040 W 19980108  
• DE 19724388 A 19970610

Abstract (en)  
[origin: DE19724388A1] The invention relates to a travel sensor wherein an absolute value of the travel of a mechanical component, e.g. a brake pedal, or a variation in travel can be detected and a corresponding electrical output signal can be produced. The mechanical component (2) is connected to magnetizable strip (8; 8', 8'') which can pass in front of at least one detector (13, 14) in a longitudinal direction. Given sections (11) of the strip (8; 8', 8'') are magnetized with a respectively alternating polarity. As the strip moves (8;8', 8''), polarity changes are detected in order to produce the electrical output signal.

IPC 1-7  
**G01D 5/00**; **G01D 5/12**

IPC 8 full level  
**G01B 7/00** (2006.01); **B60T 7/04** (2006.01); **G01D 5/12** (2006.01); **G01D 5/14** (2006.01); **G01D 5/16** (2006.01)

CPC (source: EP US)  
**B60T 7/042** (2013.01 - EP US); **G01D 5/145** (2013.01 - EP US)

Citation (search report)  
See references of WO 9857127A1

Designated contracting state (EPC)  
DE ES FR GB IT SE

DOCDB simple family (publication)  
**DE 19724388 A1 19981217**; EP 0917643 A1 19990526; JP 2000517059 A 20001219; US 6466010 B1 20021015; WO 9857127 A1 19981217

DOCDB simple family (application)  
**DE 19724388 A 19970610**; DE 9800040 W 19980108; EP 98905220 A 19980108; JP 50123499 A 19980108; US 18036098 A 19981106