

Title (en)  
ELECTRONIC SENSOR

Title (de)  
ELEKTRONISCHER SENSOR

Title (fr)  
CAPTEUR ELECTRONIQUE

Publication  
**EP 1761413 A1 20070314 (EN)**

Application  
**EP 05755588 A 20050620**

Priority  
• GB 2005002408 W 20050620  
• GB 0413780 A 20040618

Abstract (en)  
[origin: WO2005123464A1] A sensor for detecting the firing of a vehicle airbag is engageable around an insulated conductor of a crash test vehicle and comprises a ferrite structure disposed in a housing, a Hall-effect device having output terminals and being magnetically coupled with the ferrite structure, the housing and the ferrite structure defining a through hole for the conductor and being connected at a hinge location to allow portions thereof distal to the hinge location to be separated to allow the conductor to be introduced into the through hole, a securing device operable to secure the distal portions together to maintain the housing closed about the conductor, and a screened wire connected to terminals of the Hall-effect device for feeding a signal from the Hall-effect device to remote conditioning circuitry.

IPC 8 full level  
**B60R 21/01** (2006.01)

CPC (source: EP GB)  
**B60R 21/0173** (2013.01 - EP GB); **B60R 2021/01177** (2013.01 - EP); **G01R 15/20** (2013.01 - GB); **G01R 19/15** (2013.01 - GB)

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DE ES FR GB

DOCDB simple family (publication)  
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