

Title (en)
SENSOR PROTECTION CIRCUIT

Title (de)
SENSOR-SCHUTZSCHALTUNG

Title (fr)
CIRCUIT DE PROTECTION DE CAPTEUR

Publication
EP 1523795 A1 20050420 (DE)

Application
EP 03787619 A 20030701

Priority
• DE 0302189 W 20030701
• DE 10232941 A 20020719

Abstract (en)
[origin: DE10232941A1] A sensor protection circuit for at least one sensor (6), especially within a motor vehicle power supply network, with at least one power supply cable (3, 4) and at least one current measurement unit (8) for measurement of the current through the supply cable. The current measurement unit is connected to a current limiter or a switch to limit or switch-off the current and thus prevent damage to the sensor by a too-high voltage.

IPC 1-7
H02H 3/02; H02H 9/02

IPC 8 full level
H01L 21/822 (2006.01); **H01L 27/04** (2006.01); **H02H 3/02** (2006.01); **H02H 9/02** (2006.01); **H02H 9/04** (2006.01); **H02H 3/20** (2006.01)

CPC (source: EP US)
H02H 3/025 (2013.01 - EP US); **H02H 9/025** (2013.01 - EP US); **H02H 3/202** (2013.01 - EP US)

Citation (search report)
See references of WO 2004017481A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
DE 10232941 A1 20040212; **DE 10232941 B4 20170727**; EP 1523795 A1 20050420; JP 2005533478 A 20051104;
US 2006114632 A1 20060601; US 7099133 B2 20060829; WO 2004017481 A1 20040226

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DE 10232941 A 20020719; DE 0302189 W 20030701; EP 03787619 A 20030701; JP 2004528336 A 20030701; US 52188805 A 20050728