

Title (en)
Safety guard for a fuel rail

Title (de)
Schutzvorrichtung einer Brennstoffzufuhrleitung

Title (fr)
Dispositif de protection de rampe d'alimentation de carburant

Publication
EP 1582736 A1 20051005 (FR)

Application
EP 05300244 A 20050401

Priority
FR 0450651 A 20040402

Abstract (en)
The device has a protection plate (1) connected to pin guides (2) by reinforcements (3). The plate is screwed on a cylinder head by a screw (5). A reinforcing stand (4) is screwed on a cylinder case (8) and on the plate, using a screw (6). The guides are progressively compressed in case of impact, and are oriented in the direction of a clamping bolt (10) of an intake diffuser (9). The plate is placed in front of a supply manifold (11).

Abstract (fr)
Dispositif de protection de rampe d'alimentation de carburant (11) de moteur à combustion contre les chocs, caractérisé en ce qu'il se compose d'un ensemble (1, 2) déformable par écrasement fixé sur la culasse (7) du moteur, et d'une béquille de renforcement (4) fixée d'une part sur cet ensemble déformable, et d'autre part sur le carter cylindre (8) du moteur. <IMAGE>

IPC 1-7
F02M 69/46

IPC 8 full level
F02B 77/08 (2006.01); **F02M 69/46** (2006.01)

CPC (source: EP)
F02B 77/08 (2013.01); **F02M 2200/185** (2013.01)

Citation (search report)
• [A] EP 1304473 A2 20030423 - NISSAN MOTOR [JP]
• [A] US 5168856 A 19921208 - LORRAINE JACK R [US]

Cited by
FR2912472A1; FR3073568A1; US10220700B2; US8844500B2

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