

Title (en)

Device for the cutting of an automotive structure

Title (de)

Vorrichtung zur Durchtrennung einer Fahrzeugstruktur

Title (fr)

Dispositif de découpe d'une structure dans un véhicule automobile

Publication

EP 1582321 B1 20070307 (FR)

Application

EP 05290641 A 20050324

Priority

FR 0403469 A 20040402

Abstract (en)

[origin: EP1582321A1] The device has a linear pyrotechnic charge (5) placed in a flattened deformable tube (6), where a space is provided between the charge and the tube. The tube is deformed by the combustion of the charge, where the speed of combustion is lower than 3000 meter/second. The deformation of the tube permits a structure (3) to be ruptured at the minimum thickness level, where the structure has minimum thickness at the level of a groove (4).

IPC 8 full level

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CPC (source: EP US)

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DOCDB simple family (publication)

EP 1582321 A1 20051005; **EP 1582321 B1 20070307**; AT E355945 T1 20070315; DE 602005000645 D1 20070419; DE 602005000645 T2 20071108; ES 2281886 T3 20071001; FR 2868351 A1 20051007; FR 2868351 B1 20060623; JP 2005288686 A 20051020; US 2005217466 A1 20051006

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