

Title (en)  
EMERGENCY SYSTEM FOR OPENING MOTOR VEHICLE DOORS

Title (de)  
SYSTEM ZUM NOTÖFFNEN VON KRAFTFAHRZEUGTÜREN

Title (fr)  
SYSTEME D'OUVERTURE D'URGENCE DE PORTIERES DE VEHICULES AUTOMOBILES

Publication  
**EP 1549815 B1 20170405 (DE)**

Application  
**EP 03710555 A 20030219**

Priority

- PL 0300012 W 20030219
- PL 35654902 A 20021009

Abstract (en)  
[origin: WO2004033833A1] Disclosed is an emergency system for opening motor vehicle doors, especially doors that remain mechanically jammed following an accident. Said emergency system comprises a pneumatic energy accumulator/pneumatic energy accumulators (1) which is/are used as (an) executing element(s) for opening the door(s). Said energy accumulator (1) is fed by a pyrotechnic shell (2) or pyrotechnic shells (2, 3) that is/are controlled by means of an electronic detonation control system (8). The signal for the first detonation of the pyrotechnic shell (2) is supplied to the system (8) by a set of sensors (5, 6, 7) while the signal for the second detonation of the pyrotechnic shell (3) is supplied by a pressure transducer (9). The energy accumulator (1) is reset by means of an electrovalve (10).

IPC 8 full level  
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CPC (source: EP US)  
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**WO 2004033833 A1 20040422**; **WO 2004033833 A8 20070907**; AU 2003214733 A1 20040504; AU 2003214733 A8 20040504; EP 1549815 A1 20050706; EP 1549815 B1 20170405; EP 1549815 B8 20190123; ES 2631822 T3 20170905; PL 194447 B1 20070629; PL 356549 A1 20040419; US 2005240331 A1 20051027; US 7327232 B2 20080205

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