

Title (en)
Initiator and gas generator

Title (de)
Anzündvorrichtung und Gasgenerator

Title (fr)
Initiateur et générateur de gaz

Publication
EP 1434025 A1 20040630 (EN)

Application
EP 03023549 A 20031015

Priority
JP 2002380188 A 20021227

Abstract (en)
In order to provide an initiator that is easy to manufacture and safe in the handling, and a gas generator provided with the initiator, a reaction agent (58) is stored in a casing (56) in an initiator (50). Pins (62, 64) are inserted into a hole (66) of a header (54), and are secured by glass or the like. Extremity surfaces of the pins (62, 64) are flush with the extremity surface of the header (54), and a plasma generating agent (72) is disposed on these surfaces. When a voltage is applied between the pins (62, 64), a high-temperature plasma is generated from the plasma generating agent (72), and the reaction agent (58) initiates a reaction. <IMAGE>

IPC 1-7
F42B 3/12

IPC 8 full level
B60R 22/46 (2006.01); **B01J 7/00** (2006.01); **B01J 19/08** (2006.01); **B60R 21/26** (2011.01); **B60R 21/264** (2006.01); **C06C 7/00** (2006.01); **C06D 5/00** (2006.01); **F42B 3/12** (2006.01)

CPC (source: EP US)
F42B 3/124 (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
DE FR GB SE

DOCDB simple family (publication)
EP 1434025 A1 20040630; **EP 1434025 B1 20060823**; **EP 1434025 B8 20070221**; CN 1511739 A 20040714; DE 60307773 D1 20061005; DE 60307773 T2 20070913; JP 2004209342 A 20040729; US 2004123765 A1 20040701

DOCDB simple family (application)
EP 03023549 A 20031015; CN 03156267 A 20030902; DE 60307773 T 20031015; JP 2002380188 A 20021227; US 68118903 A 20031009