

Title (en)
SHELL BASE FOR CARRIER MISSILES

Publication
EP 0404844 B1 19930804 (DE)

Application
EP 89906070 A 19890526

Priority
DE 3827763 A 19880816

Abstract (en)
[origin: WO9002308A1] The base plate (23) of a shell base (20) for a carrier missile, with a cavity (26), for example for a parachute, on the side farther from the rear of the missile may be bent axially when the missile is fired. This results in radial constriction of the base envelope (22) and loss of contact between the guide strip (27) on the envelope (22) and the barrel of the weapon and frequently leads to escape of gas. To prevent the above-mentioned radial constriction in the region of the guide strip, the shell base (20) has a base plate (23) convex toward the rear of the missile. As a result of the convexity of the base plate (23), when the missile is fired a radial expansion occurs which ensures that the guide strip (27) remains gastight and transmits torsion even at high gas pressures.

IPC 1-7
F42B 30/08

IPC 8 full level
F42B 30/08 (2006.01); **F42B 30/00** (2006.01)

CPC (source: EP US)
F42B 30/003 (2013.01 - EP US)

Designated contracting state (EPC)
BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
WO 9002308 A1 19900308; DE 3827763 A1 19900301; DE 58905177 D1 19930909; DK 22790 A 19900308; DK 22790 D0 19900126; EP 0404844 A1 19910102; EP 0404844 B1 19930804; ES 2020026 A6 19910716; GR 890100476 A 19911230; JP H03500680 A 19910214; PT 91461 A 19900308; PT 91461 B 19950706; US 5033388 A 19910723

DOCDB simple family (application)
EP 8900584 W 19890526; DE 3827763 A 19880816; DE 58905177 T 19890526; DK 22790 A 19900126; EP 89906070 A 19890526; ES 8902855 A 19890814; GR 890100476 A 19890725; JP 50550489 A 19890526; PT 9146189 A 19890816; US 46959090 A 19900322