

Title (en)

Self-destructing fuze for a spin-stabilised projectile

Title (de)

Selbst-Zerlegerzünder für drallstabilisierte Geschosse

Title (fr)

Fusee comportant un dispositif d'autodestruction pour projectile giratoire

Publication

EP 1500902 B1 20050824 (FR)

Application

EP 03291545 A 20030624

Priority

EP 03291545 A 20030624

Abstract (en)

[origin: EP1500902A1] A missile (1), which is rotated in flight by the rifled surface of its launcher and carries an explosive (13) set off by a primer (3) and striker (2), incorporates a self-destruct device (4) to ensure that it explodes automatically if it misses its target. The device has at least two locks (9) that hold the striker in the stand-by position and are actuated by the centrifugal forces of the rotating missile, releasing the striker when the rotational speed drops on impact with a target or a certain time after missing it.

IPC 1-7

F42C 9/18

IPC 8 full level

F42C 9/18 (2006.01); **F42C 15/00** (2006.01); **F42C 15/188** (2006.01); **F42C 15/22** (2006.01); **F42C 15/24** (2006.01)

CPC (source: EP)

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Cited by

EP2153161A4; EP2102581A4; US8082845B2; US8342093B2; WO2008082365A1; WO2010049115A1; US2023133860A1; US11933594B2; FR3112202A1; WO2022002462A1

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