

Title (en)
Nozzle

Title (de)
Düse

Title (fr)
Buse

Publication
EP 1936317 B1 20091111 (EN)

Application
EP 06126990 A 20061222

Priority
EP 06126990 A 20061222

Abstract (en)
[origin: EP1936317A1] The invention relates to a nozzle (1) for a weapon (2) comprising a launcher (4) which constitutes a guide for a projectile or missile (6). The nozzle (1) comprises a wall (8), a first opening (10) connected to the launcher (4) and a second opening (12). The area of the first opening (10) is smaller than the area of the second opening (12). The nozzle (1) is provided with means (18; 18') for reducing the pressure of gases (16) from the projectile (6) inside and behind the nozzle (1) when firing the weapon (2). A circumferential element (26) is arranged at the first opening (10) of the nozzle (1). An opening area (28) of the circumferential element (26) is less than the area of the first opening (10) of the nozzle (1).

IPC 8 full level
F41A 1/08 (2006.01); **F41F 3/045** (2006.01)

CPC (source: EP US)
F41A 1/08 (2013.01 - EP US)

Cited by
US11067354B2; EP3625512A4

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1936317 A1 20080625; EP 1936317 B1 20091111; AT E448459 T1 20091115; DE 602006010422 D1 20091224; ES 2333666 T3 20100225; US 2010275763 A1 20101104

DOCDB simple family (application)
EP 06126990 A 20061222; AT 06126990 T 20061222; DE 602006010422 T 20061222; ES 06126990 T 20061222; US 331907 A 20071221