

Title (en)
Nozzle for fire-fighting

Title (de)
Feuerlöschdüse

Title (fr)
Lance à incendie

Publication
EP 1106212 B1 20050713 (FR)

Application
EP 00403418 A 20001206

Priority
FR 9915789 A 19991207

Abstract (en)
[origin: EP1106212A1] Nozzle (2) has body (1) with handle (21), and operating handle (8). Piston (32) has axial drilled hole (320) in which valve (44) is placed. Valve is integral to body; piston is sliding within body. Movement of body is caused by (a) resulting force of total fluid pressure applied on piston surface (D) situated in front of valve, and (b) force applied by return spring (31) trying to neutralize resulting force of total fluid pressure.

IPC 1-7
A62C 31/03

IPC 8 full level
A62C 31/03 (2006.01)

CPC (source: EP US)
A62C 31/03 (2013.01 - EP US)

Cited by
US11779938B2; US12103018B2; WO2022119601A1; WO2022200153A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1106212 A1 20010613; EP 1106212 B1 20050713; DE 60021245 D1 20050818; DE 60021245 T2 20120426; FR 2801799 A1 20010608; FR 2801799 B1 20020104; US 2001020650 A1 20010913; US 6598810 B2 20030729

DOCDB simple family (application)
EP 00403418 A 20001206; DE 60021245 T 20001206; FR 9915789 A 19991207; US 74752600 A 20001207; US 74752601 A 20010402