

Title (en)  
IMPROVED FIRE FIGHTING NOZZLE AND METHOD INCLUDING PRESSURE REGULATION, CHEMICAL AND EDUCATION FEATURES

Title (de)  
VERFAHREN UND DUZE ZUR BRANDBEKÄMPFUNG MIT VERBESSERTER DRUCKREGELUNG CHEMISCHEN  
ABFÜHRUNGSEIGENSCHAFTEN

Title (fr)  
BUSE D'INCENDIE PERFECTIONNEE ET PROCEDE COMPRENANT LA REGULATION DE PRESSION, DISPOSITIFS DE DECHARGE DE  
PRODUIT CHIMIQUE ET D'EDUCATION AMELIORES

Publication  
**EP 1069929 A1 20010124 (EN)**

Application  
**EP 98948538 A 19980925**

Priority  
• US 9820061 W 19980925  
• US 8084698 P 19980406

Abstract (en)  
[origin: WO9951306A1] A fire fighting nozzle for extinguishing industrial scale fires including improved automatic pressure regulating features, enhanced educting features having central (110) and peripheral channeling (94) for foam concentrate, combined with a capacity to throw dry chemicals. The improved pressure regulating features include a spring (50) loaded double acting baffle (13), that is positioned by fire fighting fluid in communication with a hydraulic chamber, the hydraulic chamber is preferably controlled by a relief valve (42).

IPC 1-7  
**A62C 5/02**; **A62C 5/033**; **A62C 31/07**

IPC 8 full level  
**A62C 31/07** (2006.01); **B05B 1/26** (2006.01); **B05B 1/28** (2006.01); **B05B 1/32** (2006.01); **B05B 7/00** (2006.01); **B05B 7/06** (2006.01)

CPC (source: EP)  
**A62C 31/07** (2013.01); **B05B 1/26** (2013.01); **B05B 1/28** (2013.01); **B05B 1/323** (2013.01); **B05B 7/0018** (2013.01); **B05B 7/061** (2013.01)

Designated contracting state (EPC)  
DE ES GB

DOCDB simple family (publication)  
**WO 9951306 A1 19991014**; AU 745992 B2 20020411; AU 9508898 A 19991025; CA 2327476 A1 19991014; CA 2327476 C 20100817; CN 1142802 C 20040324; CN 1306448 A 20010801; DE 69841335 D1 20100107; EP 1069929 A1 20010124; EP 1069929 A4 20040506; EP 1069929 B1 20091125; ES 2337426 T3 20100423

DOCDB simple family (application)  
**US 9820061 W 19980925**; AU 9508898 A 19980925; CA 2327476 A 19980925; CN 98814104 A 19980925; DE 69841335 T 19980925; EP 98948538 A 19980925; ES 98948538 T 19980925