

Title (en)  
Adjustable nozzle

Title (de)  
Einstellbare Düse

Title (fr)  
Buse réglable

Publication  
**EP 2671616 A1 20131211 (EN)**

Application  
**EP 12171219 A 20120607**

Priority  
EP 12171219 A 20120607

Abstract (en)  
A nozzle (12) for fire suppression includes a first portion (26) and a second portion (28). The first portion (26) has a first passageway (42) with a gas inlet (30) and a gas outlet (44). The first portion (26) has a cavity (38) therein with a liquid inlet (40) and a liquid outlet (46). The cavity (38) is disposed around at least a portion of the first passageway (42) such that the gas outlet (44) is disposed radially inward of the liquid outlet (46) from the cavity (38). The second portion (28) is connected to the first portion (26) and has a second passageway (48) with an outlet (32). The second passageway (48) has a first region (50) with an increasing diameter toward the outlet (32) and a throat (52) communicating with both the outlet (44) of the first passageway (42) and the outlet (46) of the cavity (38).

IPC 8 full level  
**A62C 31/03** (2006.01); **A62C 5/00** (2006.01); **A62C 99/00** (2010.01)

CPC (source: EP)  
**A62C 5/008** (2013.01); **A62C 31/03** (2013.01); **A62C 99/0072** (2013.01)

Citation (search report)

- [X] US 2008245898 A1 20081009 - WOLFE JOSEPH E [US]
- [X] US 6223827 B1 20010501 - ZUEV JURY VLADIMIROVICH [RU], et al
- [A] US 3188009 A 19650608 - MISCOVICH JOHN A

Cited by  
CN113231212A

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2671616 A1 20131211**

DOCDB simple family (application)  
**EP 12171219 A 20120607**