

Title (en)  
Foam-generating device of a fire hose nozzle

Title (de)  
Vorrichtung zur Schaumerzeugung für Feuerlösch-Strahlrohr

Title (fr)  
Dispositif de génération de mousse d'une lance à incendie

Publication  
**EP 2186545 B1 20130109 (FR)**

Application  
**EP 09290840 A 20091105**

Priority  
FR 0806450 A 20081118

Abstract (en)  
[origin: EP2186545A1] The device has a cylindrical tube (3) whose outlet is spaced from another cylindrical tube (1a). Air intakes are placed at an end of a nozzle spout (1) located upstream from the outlet of the former tube relative to a direction of propagation of a premix. Divergent and separate jets of the premix are connected to an internal surface of the latter tube. Outdoor air is made to pass on an outer surface of the jets. Divergence and separation of the jets causes sucking of the outdoor air towards interior part. The connection of the jets forms a closed premix volume into which the air is sucked.

IPC 8 full level  
**A62C 5/02** (2006.01); **A62C 31/12** (2006.01); **B01F 3/04** (2006.01); **B01F 5/04** (2006.01); **B05B 7/00** (2006.01); **B05B 7/04** (2006.01)

CPC (source: EP US)  
**A62C 5/02** (2013.01 - EP US); **A62C 31/12** (2013.01 - EP US); **B01F 23/235** (2022.01 - EP US); **B01F 25/3111** (2022.01 - EP US); **B01F 25/312** (2022.01 - EP US); **B01F 25/31243** (2022.01 - EP US); **B01F 25/312512** (2022.01 - EP); **B05B 7/0025** (2013.01 - EP US); **B05B 7/0031** (2013.01 - EP US); **B01F 25/312512** (2022.01 - US)

Cited by  
CN103585733A; EP2532391A1

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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 SE SI SK SM TR

DOCDB simple family (publication)  
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