

Title (en)

Method and arrangement for usage, flow control and discharge of compressed air foam in sprinkler systems

Title (de)

Verfahren und Anordnung zur Verwendung, Flusskontrolle und zum Ablassen von Druckluftschaum in Sprinkleranlagen

Title (fr)

Procédé et agencement pour l'utilisation, la régulation de l'écoulement et la décharge de mousse à air comprimé dans des systèmes d'arrosage

Publication

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Application

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Priority

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Abstract (en)

The invention relates to a method for firefighting using compressed air foam (CAF), comprising the following steps - detecting a fire, - feeding a pressure actuated valve (6) with CAF, - opening said pressure actuated valve to a known extent, - projecting said CAF on the fire, - measuring a pressure exerted by the CAF downstream of said valve (6), - controlling a degree of opening of said valve (6) on the basis of the measured values of said CAF flow pressure.

IPC 8 full level

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Citation (search report)

- [Y] US 2007114046 A1 20070524 - MUNROE DAVID B [US]
- [Y] US 5284174 A 19940208 - NORMAN EDWARD C [US]
- [X] US 2007209807 A1 20070913 - KRUEGER TINO [DE], et al
- [Y] US 2009200045 A1 20090813 - HOSFIELD ROBERT L [US], et al

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