

Title (en)  
AUTOMATIC FOAM FIRE FIGHTING EQUIPMENT ESPECIALLY USED AS FIXED INSTALLATION EQUIPMENT FOR FIRE FIGHTING OF LARGE HYDROCARBON STORAGE TANKS

Title (de)  
AUTOMATISCHE SCHAUMFEUERLÖSCHVORRICHTUNG, INSBESONDERE ALS ORTSFESTE ANLAGE ZUR FEUEURLÖSCHUNG EINES BRENNSTOFFBEHÄLTERS

Title (fr)  
EQUIPEMENT ANTI-INCENDIE AUTOMATIQUE UTILISANT UNE MOUSSE, DESTINE TOUT PARTICULIEREMENT AUX INSTALLATIONS FIXES D'EXTINCTION DE GROS RESERVOIRS D'HYDROCARBURES

Publication  
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Application  
**EP 02793261 A 20021230**

Priority  
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Abstract (en)  
[origin: WO03086546A1] The automatic foam fire fighting equipment according to the invention has a tank, means for spreading fire extinguishing foam, pipeline and a main valve situated in the pipeline, and a detector, and its characteristic feature is that its tank is a foam tank (15) storing an overcompressed mixture of foam-forming compound, water, and foam generating and driving gas dissoluble or emulsive in the solution of the foam-forming compound and the water, which tank has a gas space (16), the means for spreading fire extinguishing foam is expanding nozzle (20, 22), further, its detector consists of at least two pneumatic detectors (31, 32; 35, 36) arranged to detect inflammation independently from each other in essentially the similar way, and the main valve (18) situated in the pipeline (17) connecting the foam tank (15) with the expanding nozzle (20, 22) is of pneumatic type, where the two pneumatic detectors (31, 32; 35, 36) monitoring the same area are in common controlling arrangement with each other, and they are in direct or indirect pneumatic controlling connection with the main valve (18), providing opening control signal to the main valve (18) in case of detecting fire.

IPC 8 full level  
**A62C 3/06** (2006.01)

CPC (source: EP)  
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Cited by  
CN105107106A; US11491357B2; WO2021162919A1; US11202930B2; US11981220B2; US11919635B2; WO2019008417A1

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