

Title (en)
Fire extinguishing plant

Title (de)
Feuerlöschanlage

Title (fr)
Installation d'extinction d'incendie

Publication
EP 0801962 A2 19971022 (DE)

Application
EP 97100906 A 19970122

Priority
DE 19615268 A 19960418

Abstract (en)
The system is supplied with mains water via a T-piece (4,5). The inlet branch (9) of the latter, and its outlet branch (8) lead to a drain pipe (7) and each contain a hose-type valve (9,10). A branch (11) leading to an alarm sprinkler valve (3) contains a non-return flap valve (12) which can be filled with water under pressure. The hose-type valves are controlled by a pump (17) with a valve (18), a compressed-air receiver (19) with a diaphragm (20) and a diaphragm-valve (21). The pump with valve and the receiver can be in a control pipe (13) emanating from the mains (1), and whose other end is connected to the flap valve and via a branch pipe (13a) to the underside of the diaphragm valve. A second control pipe (14) runs from the mains to the top part (23) of the diaphragm valve which contains a spring-loaded piston (25). Further control pipes (15,16) run from this top part to the hose-type valves.

Abstract (de)
Die Erfindung betrifft eine Feuerlöschanlage, insbesondere eine Sprinkleranlage, mit einer an einem öffentlichen Trinkwassernetz angeschlossenen Wasserversorgung, wobei zwischen dem Trinkwassernetz und der Feuerlöschanlage eine physikalische Trennstufe vorgesehen ist. Diese physikalische Trennstufe besteht aus Schlauchventilen, einem Membranventil, einer Rückschlagklappe und einem Windkessel mit zugehöriger Pumpe. <IMAGE>

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A62C 35/58

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