

Title (en)
METHOD FOR ATTENUATING A HEAT FLOW AND DEVICE FOR REALISING THE SAME

Title (de)
VERFAHREN ZUR VERRINGERUNG EINES WÄRMESTROMS UND EINRICHTUNG DAZU

Title (fr)
PROCEDE PERMETTANT D'ATTENUER LES FLUX THERMIQUES , ET DISPOSITIF PERMETTANT DE METTRE EN OEUVRE CE PROCEDE

Publication
EP 1181955 A1 20020227 (EN)

Application
EP 00918546 A 20000425

Priority

- UZ 0000001 W 20000425
- UZ 9900324 A 19990505

Abstract (en)
The invention relates to fire-prevention equipment and may be applied for the protection of the equipment and people during fighting a fire, for dividing the area of buildings, ground and underground structures and apparatus into fire-checking section, preventing the fall of ceilings and intermediate floors, and stopping the spread of large fires destroying the environment. The objective of the present invention is to provide a higher efficiency method of attenuating energy flow in the form of light, heat and convective gas flows and designing of an apparatus attachable to the fire monitor for the forming of a protecting screen against thermal radiation, safe, convenient and reliable; and allowing to protect from light spectre radiation and convective gas flows. The method envisages the creation of curtain from a cooling liquid that is sprayed into the space between the surfaces. When more than one curtain is formed, a combined supply of cooling liquid is used. One of the curtains is made by spraying the liquid, whereas the others by supplying foam. The apparatus consists of a frame, a sprinkling assembly and nets attached at interval to the both sides of the frame. In the openings of the frame is equipped by sprayers. <IMAGE>

IPC 1-7
A62C 2/08; **A62C 35/68**

IPC 8 full level
A62C 2/06 (2006.01); **A62C 2/08** (2006.01); **A62C 3/00** (2006.01); **A62C 31/24** (2006.01); **A62C 35/68** (2006.01); **B05B 1/18** (2006.01)

CPC (source: EP KR)
A62C 2/06 (2013.01 - EP); **A62C 2/08** (2013.01 - EP KR); **A62C 3/00** (2013.01 - EP); **A62C 31/24** (2013.01 - EP)

Cited by
EP1897595A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1181955 A1 20020227; **EP 1181955 A4 20020724**; **EP 1181955 B1 20040929**; AT E277674 T1 20041015; AU 3934100 A 20001117; AU 771463 B2 20040325; BR 0010286 A 20030729; CA 2368803 A1 20001109; CA 2368803 C 20100209; CN 1143696 C 20040331; CN 1349425 A 20020515; CN 1500534 A 20040602; DE 60014364 D1 20041104; DE 60014364 T2 20060209; EA 003013 B1 20021226; EA 200101175 A1 20020627; HK 1044300 A1 20021018; HK 1044300 B 20050415; IL 146289 A0 20021110; JP 2002542906 A 20021217; KR 20020025867 A 20020404; MX PA01011198 A 20030714; RU 2182024 C2 20020510; TR 200103173 T2 20020621; UA 65662 C2 20040415; WO 0066227 A1 20001109; WO 0066227 B1 20010301

DOCDB simple family (application)
EP 00918546 A 20000425; AT 00918546 T 20000425; AU 3934100 A 20000425; BR 0010286 A 20000425; CA 2368803 A 20000425; CN 00807207 A 20000425; CN 03140633 A 20000425; DE 60014364 T 20000425; EA 200101175 A 20000425; HK 02104508 A 20020619; IL 14628900 A 20000425; JP 2000615107 A 20000425; KR 20017014280 A 20011105; MX PA01011198 A 20000425; RU 2000105809 A 20000313; TR 200103173 T 20000425; UA 2001128328 A 20000425; UZ 0000001 W 20000425