

Title (en)

Curtain wall or glazed roof with a fire protection

Title (de)

Fassade oder Glasdach in Brandschutzausführung

Title (fr)

Mur rideau ou toit vitré avec une protection contre l'incendie

Publication

EP 0933486 B2 20060118 (DE)

Application

EP 98101515 A 19980129

Priority

- EP 98101515 A 19980129
- CA 2230408 A 19980224
- DE 19700696 A 19970113
- NO 980398 A 19980129
- RU 98101504 A 19980129
- US 4959298 A 19980327

Abstract (en)

[origin: EP0933486A1] The roof or facade (32) is supported on posts or profiled frames 21 made of aluminium interlocking profiles with U-shaped spaces inside the profiles. The spaces are filled with a hydrophilic material which can take the static loading and which releases the water when heated. The interlocking profiles are bridged by thin mechanical supports and the hydrophilic material sheets/slabs are held in place by spring inserts. The supports and the inserts provide only small thermal bridges and do not greatly affect the thermal support of the frames/posts.

IPC 8 full level

E04B 1/94 (2006.01); **E04B 2/96** (2006.01); **E04D 3/08** (2006.01); **E06B 5/16** (2006.01)

CPC (source: EP US)

E04B 1/943 (2013.01 - EP US); **E04B 2/967** (2013.01 - EP US); **E04D 3/08** (2013.01 - EP US); **E06B 5/165** (2013.01 - EP US); **E04D 2003/0806** (2013.01 - EP US); **E04D 2003/0837** (2013.01 - EP US)

Cited by

EP2530228A3; EP1596023A3; EP2322732A1; FR2805882A1; CN114892858A; WO2018214999A1; WO2009095096A1

Designated contracting state (EPC)

AT BE CH DK FI FR GB IE IT LI LU NL SE

DOCDB simple family (publication)

EP 0933486 A1 19990804; **EP 0933486 B1 20020502**; **EP 0933486 B2 20060118**; AT E217046 T1 20020515; CA 2230408 A1 19990824; CA 2230408 C 20061219; DE 19700696 A1 19980716; DE 19700696 B4 20080731; DK 0933486 T3 20020819; HK 1019467 A1 20000211; NO 315334 B1 20030818; NO 980398 D0 19980129; NO 980398 L 19990730; RU 2186180 C2 20020727; US 6141923 A 20001107

DOCDB simple family (application)

EP 98101515 A 19980129; AT 98101515 T 19980129; CA 2230408 A 19980224; DE 19700696 A 19970113; DK 98101515 T 19980129; HK 99104449 A 19991008; NO 980398 A 19980129; RU 98101504 A 19980129; US 4959298 A 19980327