

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 B1 20020502 (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 1-7

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

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)

Citation (examination)

- EP 0086976 A1 19830831 - TRUBE & KINGS KG [DE]
- EP 0717165 B1 19990512 - SCHUECO INT KG [DE]

Cited by

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

Designated contracting state (EPC)

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