

Title (en)

Roof and facade construction for buildings as well as for wellness and leisure facilities

Title (de)

Dach- und Fassadenkonstruktion für Gebäude sowie Wellness- und Freizeitanlagen

Title (fr)

Construction de toit et de façade pour des bâtiments ainsi que pour centres de wellness et de loisirs.

Publication

EP 1923530 A1 20080521 (DE)

Application

EP 06450164 A 20061115

Priority

EP 06450164 A 20061115

Abstract (en)

The roof and facade construction has carriers and cover elements. The cover elements comprise a diaphragm-like foils (2,3,15), arranged at a distance from each another. An air flow is led in a gap (5,16) between the two foils. A suction blower is provided between the two foils for the maintenance of a negative pressure in the gap. The external foil and the internal foil form a concave building element between the carriers, which are designed as hollow profiles, particularly as pipes.

Abstract (de)

Bei einer Dachkonstruktion für Gebäude sowie Wellness- und Freizeitanlagen mit Trägern (1) und dazu angeordneten Abdeckelementen (2, 3) bestehen die Abdeckelemente aus mindestens zwei im Abstand voneinander angeordneten membranartigen Folien (2, 3), wobei im Zwischenraum (5) zwischen den Folien (2, 3) ein Luftstrom geführt ist. Dadurch werden insbesondere die Betriebskosten für die Klimatisierung maßgeblich verringert.

IPC 8 full level

E04H 15/20 (2006.01)

CPC (source: EP)

E04H 15/20 (2013.01); **E04H 2015/205** (2013.01)

Citation (applicant)

- US 4807405 A 19890228 - BORGQUIST RONALD B [US]
- EP 0345600 A1 19891213 - MOLDIP SPA [IT]
- DE 2724373 A1 19781130 - HOCHSTEIN ALFRED
- FR 2347498 A1 19771104 - STEVENS GRAHAM [GB]
- GB 2008646 A 19790606 - STEVENS G A
- US 4452230 A 19840605 - NELSON RICHARD C [CA]
- DE 8815748 U1 19890216

Citation (search report)

- [XAY] US 4807405 A 19890228 - BORGQUIST RONALD B [US]
- [XA] EP 0345600 A1 19891213 - MOLDIP SPA [IT]
- [XA] DE 2724373 A1 19781130 - HOCHSTEIN ALFRED
- [YA] FR 2347498 A1 19771104 - STEVENS GRAHAM [GB]
- [YA] GB 2008646 A 19790606 - STEVENS G A
- [Y] US 4452230 A 19840605 - NELSON RICHARD C [CA]
- [Y] DE 8815748 U1 19890216

Cited by

CN107860082A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1923530 A1 20080521

DOCDB simple family (application)

EP 06450164 A 20061115