

Title (en)

Structural supporting sandwich facade member.

Title (de)

Selbsttragendes Fassadenelement in Sandwichbauweise.

Title (fr)

Élément de façade sandwich autoportant.

Publication

EP 0379980 A1 19900801 (DE)

Application

EP 90101046 A 19900119

Priority

DE 3901937 A 19890124

Abstract (en)

Structural supporting sandwich facade member comprising at least two structural supporting layers and at least one intermediate insulating layer, characterised in that it is metal-free, the structural supporting layers are composed of fibre-reinforced concrete and the layers are positively fixed to one another by non-metallic fastening means (preferably plastic anchors). <IMAGE>

Abstract (de)

Selbsttragendes Fassadenelement in Sandwichbauweise aus mindestens zwei selbsttragenden Schichten und mindestens einer dazwischenliegenden Dämmschicht, dadurch gekennzeichnet, daß es metallfrei ist, die selbsttragenden Schichten aus faserverstärktem Beton bestehen und die Schichten durch nicht metallische Befestigungsmittel (vorzugsweise Kunststoffanker) formschlüssig aneinander fixiert sind.

IPC 1-7

E04C 2/26; **E04C 2/34**

IPC 8 full level

B32B 7/04 (2006.01); **B32B 9/00** (2006.01); **E04C 2/26** (2006.01); **E04C 2/288** (2006.01); **E04C 2/34** (2006.01)

CPC (source: EP)

E04C 2/288 (2013.01)

Citation (search report)

- [XD] DE 2939877 A1 19810507 - SCHROEDER WALTHER ING GRAD
- [X] FR 2568869 A1 19860214 - SELAM SA [FR]
- [A] AU 520177 B2 19820121 - GRAEME JOHN TILLY
- [A] AT 352968 B 19791025 - WIENERBERGER BAUSTOFFIND AG [AT]
- [A] FR 2465844 A1 19810327 - MOURNAUD PATRICK [FR]
- [A] DE 1484152 A1 19690116 - COLARD LEOPOLD
- [A] EP 0015613 A1 19800917 - STAMICARBON [NL]
- [A] EP 0073553 A2 19830309 - INT HOUSING LTD [US]
- [A] AU 64004165 A

Cited by

FR2962462A1; ITTO20080750A1; CN112064883A; DE19826109C1; DE10141265A1; DE10141265B4

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