

Title (en)

GLASS STRUCTURAL ELEMENT FOR CONSTRUCTING A PREFERABLY SELF-SUPPORTING WALL, ROOF OR CEILING SECTION OR ELEMENT

Title (de)

GLASBAUELEMENT ZUM BILDEN EINES VORZUGSWEISE SELBSTTRAGENDEN WAND-, DACH- ODER DECKENABSCHNITTS ODER -ELEMENTS

Title (fr)

ELEMENT EN VERRE POUR FORMER UNE SECTION OU UN ELEMENT POUR PAROI, TOIT OU COUVERTURE

Publication

EP 1058760 B1 20040114 (DE)

Application

EP 99916752 A 19990223

Priority

- DE 9900487 W 19990223
- DE 29803187 U 19980224
- DE 29809173 U 19980520

Abstract (en)

[origin: US6546690B1] An especially stable glass module (3) that is resistant to bending stress and releases no shards when shattered. The module can be employed to construct an area of a wall, roof, or ceiling entirely of glass and without frames or fittings of metal or another material. The module (3) consists at least two components (31 and 35) fastened total surface to total surface by cement or laminating adhesive. At least one component is a length of glass L or U structural section. The lengths are preferably of clear or ornamental glass, rolled glass, or reinforced glass, wire-reinforced glass or single-pane safety glass for instance. A wall, roof, or ceiling area composed of such modules will not need auxiliary support and will comply with strict specifications for the safety of anyone under it.

IPC 1-7

E04C 2/54

IPC 8 full level

E04C 2/54 (2006.01)

CPC (source: EP US)

E04C 2/54 (2013.01 - EP US); **E04C 3/285** (2013.01 - EP US)

Cited by

CN104631614A; DE102022114036A1; WO2023232973A1; EP3266950A1; DE102016111483A1; DE102016112355A1

Designated contracting state (EPC)

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