

Title (en)

Structural glass walling with joints formed from structural sealants and metal structures.

Title (de)

Vorhangfassade aus Glas und Befestigung mit Dichtung und Metallelementen.

Title (fr)

Structure de paroi vitrée et fixation formée d'un dispositif d'étanchéité et d'éléments métalliques.

Publication

EP 0250989 A1 19880107 (EN)

Application

EP 87108509 A 19870612

Priority

IT 2084586 A 19860619

Abstract (en)

Structural glass walling in which the individual facade glass plates comprise joints formed from structural sealants and from metal elements (5) which engage the facade glass plates (2)(3) in recesses (4) formed in their four side edges, to form a safety connection which mechanically supplements the chemical-physical connection formed by the structural sealants. Said metal elements (5) are fixed to an internal metal support structure (7), and said joints are sealed with synthetic polymer material (16) in order to form a connection which is fixed but which enables the glass walling to slide relative to the structure under thermal expansion.

IPC 1-7

E04B 2/96; E06B 3/54; E06B 3/68

IPC 8 full level

C03C 27/12 (2006.01); **E04B 2/96** (2006.01); **E06B 3/54** (2006.01); **E06B 3/68** (2006.01)

CPC (source: EP)

E06B 3/5427 (2013.01)

Citation (search report)

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