

Title (en)
CURTAIN WALL

Title (de)
VORHANGFASSADE

Title (fr)
MUR-RIDEAU

Publication
EP 3721024 B1 20230329 (EN)

Application
EP 17826618 A 20171206

Priority
PL 2017000120 W 20171206

Abstract (en)
[origin: WO2019112450A1] The present invention relates to a curtain wall (1) of a building, comprising a number of pillars (2) fixed to the building, a number of glass pane assemblies (4) disposed between said pillars (2), each comprising an inner pane (41) and an outer pane (42) separated with spacing means (43) at the perimeter thereof, wherein at their perimetric faces parallel to the longitudinal axes of the pillars (2) said glass pane assemblies (4) are provided with longitudinal mounting grooves (44), and a number of connectors (3) engaging said grooves (44) and fixing adjacent glass pane assemblies (4) to said pillars (2). In order to minimize thermal bridging between the neighbouring glass pane assemblies (4) said pillar (2) is provided with a mounting slot (25), said connector (3) is a longitudinal L-shaped profile having a first fixing portion (31) disposed inside said mounting slot (25) of said pillar (2) and a second fixing portion (32) disposed within said groove (44) of said glass pane assembly (4), wherein said connectors (3) are disposed in sequence with the second fixing portions (32) projecting at the opposite sides, and the gaps between the adjacent glass pane assemblies (4) are thermally insulated.

IPC 8 full level
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CPC (source: EP)
E04B 2/96 (2013.01); **E06B 3/5427** (2013.01)

Citation (examination)
• WO 2004011739 A1 20040205 - UPGLAZE HB [SE], et al
• DE 19755697 A1 19990617 - BERCHTHOLD JOERG [DE]
• WO 2004063517 A2 20040729 - SCHUECO INT KG [DE], et al

Designated contracting state (EPC)
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