

Title (en)
Wall element

Title (de)
Wandbauelement

Title (fr)
Élément de construction

Publication
EP 0742324 B1 20021218 (DE)

Application
EP 96107616 A 19960513

Priority
• DE 19517553 A 19950512
• DE 19612213 A 19960327

Abstract (en)
[origin: EP0742324A1] In a light-transmitting portion of a wall structure, e.g. window or facade cladding, consists of two rows of U-shaped glass sections (3), one row forming the inner skin (17) with its bases (7) and the other similarly forming the outer skin (20), such that the legs (8) of the U's fit one inside the other. Cavities are filled with thermal insulation (4) and a heat reflecting layer (5) is provided on one of the outwards facing surfaces of the skins and/or the thermal insulation. The U-sections may be positioned so that they abut each other and the legs of the U-sections are joined with PVC sealing strips and/or silicone sealing members. Insulation material is pref. of glass capillaries, honeycomb, parallel tubes etc.

IPC 1-7
E04C 2/54

IPC 8 full level
E04C 2/54 (2006.01)

CPC (source: EP)
E04C 2/54 (2013.01)

Cited by
EP3266950A1; GB2521593A; WO2024028335A1; US7641954B2; US9834930B2; WO2024028337A1; US7621299B2; WO0075452A1; WO2020118681A1; WO2020118674A1; DE102022114036A1; WO2023232973A1; WO2023166053A1; WO2005033432A1; WO2004095114A3; JP2007507633A; DE102016111483A1; DE102016112355A1

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AT CH DE FR LI NL

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EP 0742324 A1 19961113; EP 0742324 B1 20021218; AT E230055 T1 20030115; DE 59609987 D1 20030130

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