

Title (en)

TRANSPARENT BUILDING ELEMENT WITH TRIANGULAR RIBS

Title (de)

LICHTDURCHLÄSSIGES BAUELEMENT MIT DREIECKFÖRMIGEN RIPPEN

Title (fr)

ELEMENT DE CONSTRUCTION TRANSPARENT

Publication

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Application

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Abstract (en)

[origin: WO9940290A1] A transparent building element, in particular made of glass, takes for example the shape of a glass pane (39, 40, 41) arranged on or in a closure element provided in or on a building, for example a door (32), a window (33) or an upper light inlet (42). In order to appropriately and economically deflect light, at least one outer or inner surface, in particular a main surface (6) of the transparent building element, has a ribbed structure composed of individual, parallel ribs (11) integrally formed with the building element (36) and having a triangular cross-section. At least one first group of these triangular side surfaces (12) formed on the ribs (11) is oriented in such a way that together they form a refraction or reflection surface for appropriately deflecting at least one partial range of the light (44) passing through the transparent building element.

IPC 1-7

**E06B 9/24**; **E04C 2/54**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 9940290A1

Cited by

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