

Title (en)
A WALL ELEMENT

Title (de)
WANDELEMENT

Title (fr)
ELÉMENT POUR MURS

Publication
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Application
EP 19707127 A 20190213

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Abstract (en)
[origin: WO2019162804A1] The invention relates to the element of building walls and other partition structures. The wall element consists of a plurality of vertical bars of 2000-3500 mm in height having rectangular cross section and made of glued wood, arranged in a single line at a distance of 600-700 mm apart, interconnected by horizontal beams with the same cross-section attached to the top and bottom of vertical bars and together with vertical bars forming the frame of the wall element closed from both sides with OSB sheets with a plurality of thermo-insulating air chambers arranged therebetween formed by a continuous metallised oriented polypropylene (OPP) film unrolled parallel to the OSB sheets multiple times up and down through the entire height and width of the vertical bars with a gap of 10-15 mm between the adjacent films, where the spacing between the adjacent films is formed by appropriate interconnected polystyrene strips of 10-15 mm in width and 30-40 mm in height fixed at the top and bottom of the frame.

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CPC (source: EP)
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Citation (search report)
See references of WO 2019162804A1

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