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**(54) Title (EN):** WOOD UNIT AND ITS MANUFACTURING METHOD

**(54) Title (FR):** MODULE EN BOIS ET SON PROCEDE DE FABRICATION

**(57) Abstract:**

**(EN):** The multichamber wood unit (1) of the present invention is formed of two oblong external elements (2) arranged in parallel with each other and with a space between them, which are interconnected with their internal flat surfaces through transversal connecting elements (4) by dovetail connections (5). A number of internal partition elements (3) are arranged between those transversal elements (4) in parallel to the external elements (2). The chambers (7) formed between wooden elements (2, 3, 4) provide such wood unit (1) good flashing and ventilating properties, make it light and ensure its better mechanical properties. The multichamber wood unit (1) is intended for use in the building trade for quick erection of buildings of various purposes.

**(FR):** L'invention concerne un module en bois à plusieurs chambres (1) formé de deux éléments externes oblongs (2) disposés en parallèle l'un par rapport à l'autre et avec un espace entre eux, éléments qui sont assemblés au niveau de leurs surfaces plates internes au moyen d'éléments transversaux d'assemblage (4) en queue d'aronde (5). Un certain nombre d'éléments de séparation internes (3) sont placés entre ces éléments transversaux (4) parallèlement aux éléments externes (2). Les chambres (7) formées entre les éléments en bois (2, 3, 4) procurent à un tel module en bois (1) de bonnes propriétés d'étanchéité et de ventilation, le rendent léger et lui confèrent de meilleures propriétés mécaniques. Le module en bois à plusieurs chambres (1) est destiné à être utilisé dans l'industrie du bâtiment pour une édification rapide de bâtiments utilisés à diverses fins.

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**Declarations:**

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America