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(54) **JOINING SYSTEM FOR BATTEN FLOORS**

(57) The present invention relates to a system for joining battens (3, 3', 3'', 3''') of a batten (2) floor, comprising:

- a joint (1) comprising a longitudinally extending bar (8) comprising:

• a main body (9) with an upper side (25) and a lower side (26),

• a central appendage (11), and a first (15') and second (15'') lateral appendage projecting transversally from the upper (25) side of the main body (9);

- a first (3') and a second (3'') batten with an upper side (23) and a lower side (24), intended to be connected and/or flanked along their respective longitudinal sides

(7', 7''), each batten (3', 3'') comprising:

• on lateral edges along said longitudinal sides (7', 7'') a lateral groove (19) such as to form, when the two battens (3', 3'') are flanked, a central seat (20) capable of accommodating the central appendage (11) of the bar (8), creating, in cross-section, a shape constraint such to prevent the latter from moving out,

• on the lower side (24) close to each of the longitudinal sides (7', 7'') a first (21') and a second (21'') lower grooves shaped in such a way that the first (15'') and second (15') lateral appendages of the bar (8) can slide into them so as to form a constraint preventing the battens (3', 3'') from reciprocally moving away.

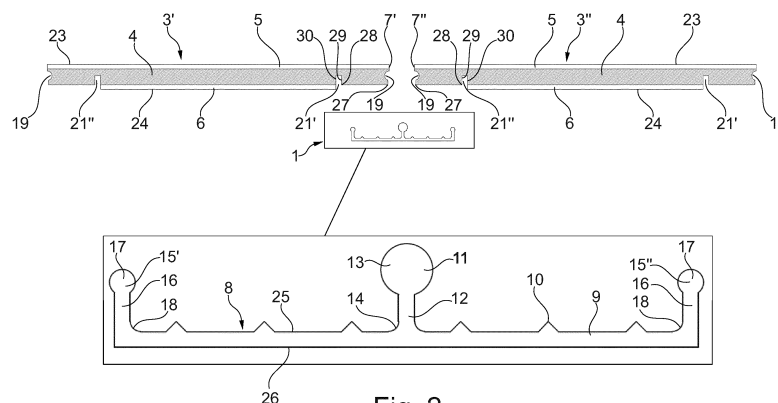


Fig. 2



EUROPEAN SEARCH REPORT

Application Number

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EPO FORM 1503 03.82 (P04C01)

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			E04F F16B
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 2 September 2024	Examiner Fournier, Thomas
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 24 16 5912

5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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