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(54) **Wall or roof structure and building panel**

(57) The present invention relates to a wall or roof structure and building panels (2). The wall structure comprises support pillars (10) and building panels (2) comprising a first surface sheet (4) and a second surface sheet (6) and an insulation material layer (8) between surface sheets (4, 6). The building panels (2) are secured to the support pillars (10) such that the second surface sheet (4) is arranged against a support pillar (10) for providing a support joint. The support joint is provided with

an elastic support joint sealing (16) arranged between the support pillar (10) and the second surface sheet (4) for providing airtight sealing, and that at least one of the first and second surface sheets (4, 6) is provided with restricted thermal expansion for maintaining the airtight sealing by decreasing mechanical stress subjected to the elastic support joint sealing (16) due to thermal expansion.

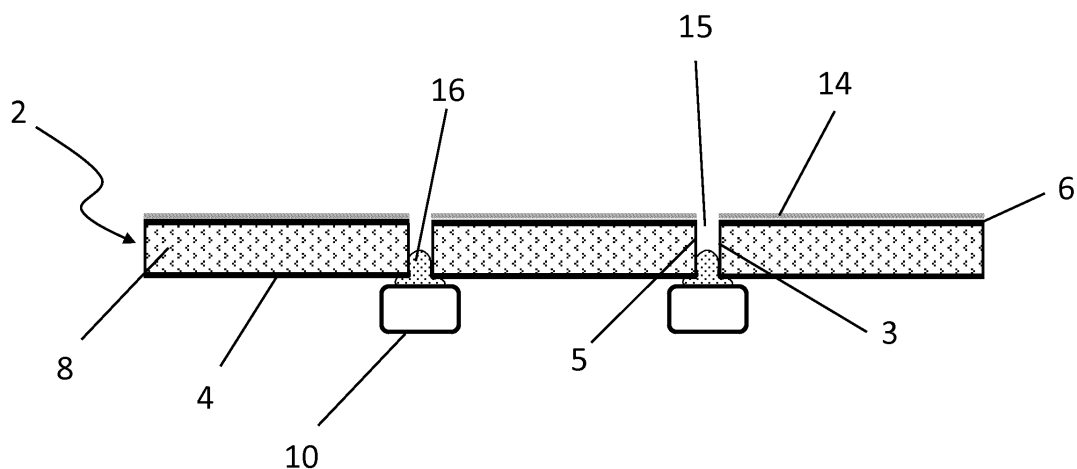


Fig. 3



EUROPEAN SEARCH REPORT

Application Number
EP 13 16 9951

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			TECHNICAL FIELDS SEARCHED (IPC)
			E04D E04C E04B
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 30 June 2016	Examiner Petrinja, Etjel
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			

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

EP 13 16 9951

5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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