

Title (en)  
INSULATING PARTITION COMPRISING CELLULOSE AND ADAPTED CELLULOSIC MATERIAL

Title (de)  
ISOLIERWAND MIT ZELLULOSE UND ANGEPASSTES ZELLSTOFFMATERIAL

Title (fr)  
CLOISON ISOLANTE COMPORTANT DE LA CELLULOSE ET MATERIAU CELLULOSIQUE ADAPTE

Publication  
**EP 1387913 A1 20040211 (FR)**

Application  
**EP 02730393 A 20020503**

Priority  
• FR 0201540 W 20020503  
• FR 0106036 A 20010504

Abstract (en)  
[origin: WO02090682A1] The invention concerns a sound insulation partition comprising a frame (21, 22), two walls (31, 32) including each at least a substantially rigid covering, at least a thickness of fibrous acoustic media, the walls being arranged substantially parallel at a distance  $\langle u \rangle$  between them and fixed on the frame. The invention is characterised in that the fibrous acoustic media is a substantially homogeneous self-supporting rectangular cellulosic mat having a density ranging between 200 and 800 kg/m<sup>3</sup>, said mat essentially consisting of fibres derived from the treatment of practically lignin-free recycled papers or paperboards, the bond between the fibres within the mat being obtained at least partly during the production of the mat by wet process, said mat having a thickness  $\langle u \rangle$  such that  $\langle u \rangle < \langle u \rangle$  and the noise insulation class input by the absorbent inside said partition represented by DELTA R<sub>w</sub> and measured in accordance with the NF EN ISO 140-1, 143-3, NF EN 20140-2 and ISO 717/1 standards is at least 2 dB.

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IPC 8 full level  
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