

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

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Application
EP 02730393 A 20020503

Priority
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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 <u>l</u> 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/m³, 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 <u>e</u> such that <u>e</u> < <u>l</u> and the noise insulation class input by the absorbent inside said partition represented by DELTA R_w 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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