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(54) **Suspended ceiling system**

(57) The present invention relates to a suspended ceiling comprising a suspension system with at least one carrier (49, 50), the suspended ceiling comprising at least one ceiling panel (1, 11, 51) connected to at least one spline (3, 23) for suspending the at least one ceiling panel to the at least one carrier, adjacent carriers defining between them a space (9) for receiving at least one ceiling panel between them. The spline extends in upright direction of the at least one ceiling panel and comprises on a first side first suspension means (2) for suspending the spline to the suspension system, and on a second side opposite the first side taken in height direction of the spline, at least one attachment member (10) for attachment of a first ceiling panel (1) to the spline in such a way that the ceiling panel is held and maintained by the at-

tachment member. The first suspension means (2) are disposed at a first distance $d1$ from the attachment member in height direction of the spline, which is sufficiently large to accommodate between the top face (12) of the first ceiling panel (1) and a bottom part (47) of the carrier (49, 50) at least part of a second ceiling panel (11) in upright direction of the second ceiling panel. The first suspension means (2) are disposed at a second distance $d2$ from the upright side of the first ceiling panel attached to the attachment member, which is sufficient to accommodate a part of the second ceiling panel (11) when attached to a second spline (23) in width direction of the ceiling panel to permit suspending the second ceiling panel between the first (1) and a third ceiling panel (51) positioned on opposite upright sides (4, 6, 14, 16) of the second ceiling panel.

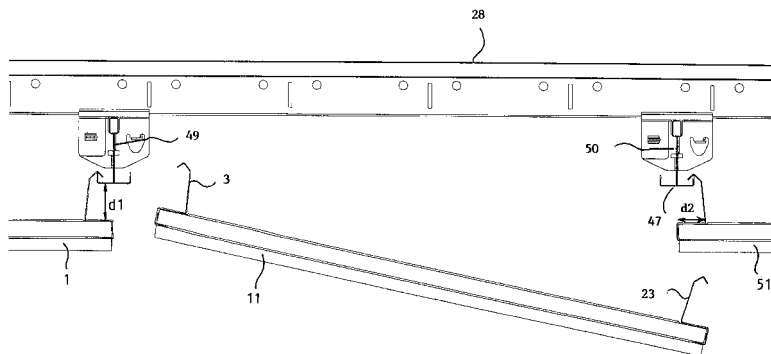


Fig. 8b



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 05 44 7168

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 10 July 2008	Examiner Demeester, Jan
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
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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