

Title (en)  
BEAM CONSTRUCTION IN WALLS AND CEILINGS OF CLEAN AIR ROOMS

Title (de)  
TRÄGERKONSTRUKTION IN WÄNDEN UND DECKEN VON REINRÄUMEN

Title (fr)  
STRUCTURE DE POUTRES DESTINEE AUX MURS ET PLAFONDS DE SALLES BLANCHES

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Application  
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Abstract (en)  
[origin: WO9858139A1] A beam construction for walls and ceilings in clean rooms comprises first longitudinal beams (2) and second transverse beams (4). The first and second beams are arranged essentially in parallel with the plane of extension of the wall and ceiling, respectively. The first and the second beams are further provided with elongate flanges (15a, 15b, 17) with supporting surfaces (9) which are also essentially parallel with the plane of extension of the wall and the ceiling, respectively. The wall/ceiling comprises wall/ceiling elements (8) which abut against the supporting surfaces (9). To accomplish good stability and simple mounting of the wall/ceiling, at least the second beams comprise an elongate flange means (17) with one or more supporting surfaces (9) and an elongate supporting means (18). The flange means (17) and the supporting means (18) are, at least before mounting, separable and/or axially displaceable relative to each other. After mounting, the supporting means (18) extends with both ends beyond both ends of the flange means (17).

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