ABSTRACT

FILTER ASSEMBLY AND FILTER ASSEMBLY MANUFACTURING METHOD

The present invention relates to a filter assembly comprising at least one media pack arranged in a frame structure in which the at least one media packs is pleated and having opposing first and second open ends, and a corresponding method for manufacturing such a filter assembly for removing particles from an air stream. The method for manufacturing a filter assembly for removing particles from an air stream said comprises for each media pack sealing the first and second open ends in a first molding step, thereby providing a sealed first edge and a sealed second edge of each respective media pack, and subsequently arranging the at least one media pack in the frame structure and in a second molding step securing and sealing the sealed first edge and the sealed second edge, respectively, to at least one frame element of the frame structure.

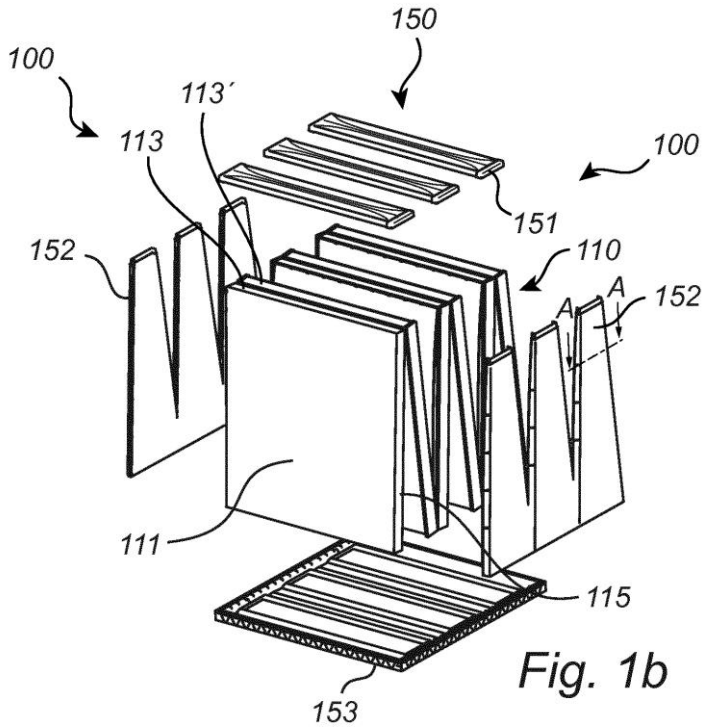


Fig. 1b