

Title (en)
PREFORM INTENDED TO FORM A HOLLOW STRUCTURAL MECHANICAL PART, RESULTING PART AND METHOD FOR PRODUCING SAID PREFORM

Title (de)
VORFORMLING ZUR BILDUNG EINES HOHLEN MECHANISCHEN STRUKTURTEILS, SICH ERGEBENDES TEIL UND VERFAHREN ZUR HERSTELLUNG DES VORFORMLINGS

Title (fr)
PREFORME DESTINEE A FORMER UNE PIECE MECANIQUE STRUCTURANTE CREUSE, PIECE AINSI OBTENUE ET PROCEDE DE FABRICATION DE LADITE PREFORME

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Application
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Abstract (en)
[origin: WO2010001003A1] The invention relates to a preform (300) intended to form a hollow structural mechanical part, said preform (300) comprising: a central body (301) forming a median plane (307) and extending substantially along a main axis (309) contained in the median plane (307); and two side parts (303, 305) extending substantially along the median plane (307) along a secondary axis (311) substantially perpendicular to the main axis (309), the central body (301) and each side part (303, 305) including weft fibres interconnected by binder fibres. The weft fibres extend along substantially parallel planar weft layers, and the thickness (E) of each side part (303, 305) decreases along the secondary axis (311) moving away from the central body (301). The invention also relates to a method for producing one such preform, as well as to a hollow structural mechanical part.

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Citation (search report)
See references of WO 2010001003A1

Citation (examination)
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