

Title (en)
METHOD FOR MAKING A BOWL IN THERMOSTRUCTURAL COMPOSITE MATERIAL, RESULTING BOWL AND USE OF SAME AS CRUCIBLE SUPPORT

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER SCHALE AUS THERMOSTRUKTURELLEM VERBUNDMATERIAL, SCHALE UND DEREN VERWENDUNG ALS STÜTZTIEGEL

Title (fr)
PROCEDE DE FABRICATION D'UN BOL EN MATERIAU COMPOSITE THERMOSTRUCTURAL, BOL TEL QU'OBTENU PAR LE PROCEDE, ET UTILISATION DU BOL COMME SUPPORT DE CREUSET

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Abstract (en)
[origin: WO0138625A2] The invention concerns a method for making a single-piece bowl in thermostructural composite material consisting of a fibrous reinforcement densified by a matrix which consists in supplying one-piece deformable fibrous strata free of slots and cuts, stacking said deformable strata on a form corresponding to the bowl to be produced, by deforming them; and assembling the stacked strata together by means of fibres extending transversely relative to the strata, for example by needling so as to obtain a bowl preform which is then densified. The bowl (1) is useful as a crucible support (5) in an installation producing monocrystalline silicon.

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