

Title (en)

SHELL MOULD FOR MANUFACTURING AIRCRAFT TURBOMACHINE BLADED ELEMENTS USING THE LOST WAX MOULDING TECHNIQUE AND COMPRISING SCREENS THAT FORM HEAT ACCUMULATORS

Title (de)

MASKENFORM ZUR HERSTELLUNG VON BESCHAUFELTEN ELEMENTEN EINER FLUGZEUGTURBOMASCHINE MITTELS WACHSAUSSCHMELZGUSS UND MIT SCHIRMEN ZUR FORMUNG VON WÄRMESPEICHERN

Title (fr)

CARAPACE POUR LA FABRICATION PAR MOULAGE À CIRE PERDUE D'ÉLÉMENTS AUBAGÉS DE TURBOMACHINE D'AÉRONEF, COMPRENANT DES ÉCRANS FORMANT ACCUMULATEURS DE CHALEUR

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Application

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Abstract (en)

[origin: WO2013110889A1] The present invention relates to a shell mould (200) for manufacturing aircraft turbomachine bladed elements using the lost-wax moulding technique, and comprising: - shell mould bladed elements (1b) comprising a blade portion (2b) situated between a first end part (4b) delimiting the impression of a platform (8b) and a second end part (6b) delimiting the impression of another platform (8b), the blade portion comprising a trailing edge zone (30b); - a metal feeder (12b) having a central axis (14b) around which the bladed elements (1b) are distributed; and according to the invention, the shell mould is equipped with one or a number of screens (29b) that form accumulators of heat and are arranged in a shell mould interior space (28b) facing the inwardly-directed trailing edge zones (30b).

IPC 8 full level

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