

Title (en)

MOULDING DEVICE FOR PRODUCING MOULDED PLASTIC SKINS

Title (de)

FORMVORRICHTUNG ZUM HERSTELLEN VON KUNSTSTOFF-FORMHÄUTEN

Title (fr)

DISPOSITIF DE MOULAGE POUR REALISER DES MEMBRANES PLASTIQUES MOULEES

Publication

EP 1506076 A2 20050216 (DE)

Application

EP 03725151 A 20030506

Priority

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Abstract (en)

[origin: WO03097318A2] The invention relates to a double-walled mould that can be heated for producing moulded plastic skins in a rotational moulding process. According to the invention, the wall (1) of the device, which is responsible for shaping the skins is mounted in a guideway (10) so that it can be displaced in relation to an additional wall (2) of the housing, in order to compensate for thermal expansion. In addition, flow channels for a cooling/heating medium are arranged in the cavity between the housing walls (1, 2), said channels inducing a forced flow of the medium inside the cavity. The channels are preferably formed by struts (7), which are not connected to the shaping wall (1). The arrangement of the channels prevents to a great extent the intermingling of hot and cold medium during a temperature change.

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