

Title (en)

ROTATIONAL MOULDING METHOD AND APPARATUS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ROTATIONSFORMEN

Title (fr)

PROCEDE DE MOULAGE ROTATIF ET APPAREIL CORRESPONDANT

Publication

EP 1140453 A1 20011010 (EN)

Application

EP 99961253 A 19991223

Priority

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Abstract (en)

[origin: WO0038897A1] A method of rotation moulding comprises forming a reactant thermoplastic melt in a mould (1, 20). The reactant thermoplastic melt comprises a mixture of thermoplastic pre-polymer, such as lactam (12) and a polymerisation activator. The pre-polymer and activator may be mixed in the mould under an inert atmosphere or a premix of the pre-polymer and activator may be formed prior to delivery into a mould (1). The premix may be stored under an inert atmosphere in a sealed container such as a bag (16) from which it may be delivered into a mould (20) at room temperature. Alternatively the reactant melt may be formed in the mould (1) by delivering a pre-polymer into the mould and injecting a polymerisation activator into the mould.

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