

Title (en)
DEVICE FOR EJECTING PET PREFORMS

Title (de)
VORRICHTUNG ZUM AUSWERFEN VON PET-VORFORMLINGEN

Title (fr)
DISPOSITIF POUR EJECTER DES EBAUCHES EN PET

Publication
EP 1793974 A1 20070613 (DE)

Application
EP 05784173 A 20051003

Priority
• CH 2005000573 W 20051003
• CH 16062004 A 20041001

Abstract (en)
[origin: WO2006037249A1] An ejector is used for ejecting PET preforms (6) from an injection moulding tool. The tool comprises a clamping plate (1) to which a mould core (2) is secured. A movable stripping plate (7) is used to move a stripper strip (9), to which are secured threaded slides (10), in the ejection direction A. A yoke support (8) opens the stripper strip (9) by means of a slanted drawing finger (4). Pressurised air L is blown through air channels (11) arranged in the stripper strip (9), into the space between the mould core (2) and the preform (6) to be ejected. For that purpose, the air channels (11) are inclined to a predetermined extent relative to the ejection direction A. This ensures that even particularly large preforms (6) can be securely ejected from the tool.

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CPC (source: EP)
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Citation (search report)
See references of WO 2006037249A1

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