

Title (en)

METHOD AND SYSTEM FOR POST-TREATING PREFORMS

Title (de)

VERFAHREN UND SYSTEM ZUR NACHBEHANDLUNG VON VORFORMLINGEN

Title (fr)

PROCEDE ET SYSTEME POUR POST-TRAITEMENT DE PREFORMES

Publication

EP 1954468 A1 20080813 (DE)

Application

EP 06819407 A 20061110

Priority

- EP 2006068363 W 20061110
- DE 102005057466 A 20051130
- DE 102006028725 A 20060620

Abstract (en)

[origin: WO2007062973A1] The invention relates to a system for post-treating preforms (7) which are produced in an injection mould, which comprises at least two post-treating tools, which comprise, respectively, a receiving plate (4) which comprises a group of receiving cavities (2), and a pin plate (6), which comprises a group of post-treatment pins (3) and to a device for transferring the preforms (7) in an alternating manner from the injection mould to at least two post-treatment tools. According the invention, the post-treatment pins (3) remain in the preforms for a period of time, which is longer than the demoulding time, in order to produce a method and a system for post-treating preforms which are produced in an injection mould, which enable the preform to be removed from the injection moulding tool earlier and also enables, in particular, the inside of the preform to be post-treated in a reliable manner after being removed from the injection mould.

IPC 8 full level

B29C 45/72 (2006.01)

CPC (source: EP US)

B29C 45/7207 (2013.01 - EP US); **B29C 49/06** (2013.01 - EP US); **B29C 49/6427** (2013.01 - EP US); **B29C 49/6463** (2013.01 - EP US); **B29C 2045/7214** (2013.01 - EP US); **B29C 2045/7221** (2013.01 - EP US); **B29C 2045/7228** (2013.01 - EP US); **B29C 2045/7264** (2013.01 - EP US); **B29C 2949/0715** (2022.05 - EP); **B29C 2949/22** (2022.05 - EP US); **B29C 2949/24** (2022.05 - EP US); **B29C 2949/26** (2022.05 - EP US); **B29C 2949/28** (2022.05 - EP US); **B29C 2949/3024** (2022.05 - EP US); **B29C 2949/3032** (2022.05 - EP US); **B29K 2105/253** (2013.01 - EP US)

Citation (search report)

See references of WO 2007062973A1

Citation (examination)

- EP 0947304 A2 19991006 - HUSKY INJECTION MOLDING [CA]
- EP 1086799 A1 20010328 - FARRAG & STIPSITS GMBH [AT]

Designated contracting state (EPC)

AT CH DE IT LI LU

DOCDB simple family (publication)

WO 2007062973 A1 20070607; CA 2628278 A1 20070607; CA 2628278 C 20140708; DE 102006028725 A1 20071018; EP 1954468 A1 20080813; US 2009212459 A1 20090827

DOCDB simple family (application)

EP 2006068363 W 20061110; CA 2628278 A 20061110; DE 102006028725 A 20060620; EP 06819407 A 20061110; US 8579306 A 20061110