

Title (en)
HOT STAMPING CYLINDER

Title (de)
HEISSPRÄGEZYLINDER

Title (fr)
CYLINDRE D'ESTAMPAGE A CHAUD

Publication
EP 1425173 B1 20080220 (DE)

Application
EP 01962531 A 20010913

Priority
CH 0100553 W 20010913

Abstract (en)
[origin: WO03022579A2] The hot stamping cylinder (1) is provided with a heating system which consists of a heating film (3) which is arranged on the inner wall of the cylinder (1), enabling extraordinarily quick heating and cooling times. In addition to actually heating the surface of the cylinder and the annular or sleeve-type stamping tools (10) placed thereon, the latter are clamped by thermal expansion in said adjusted position.

IPC 8 full level
B41F 1/00 (2006.01); **B41F 13/22** (2006.01); **B41F 19/06** (2006.01)

CPC (source: EP US)
B41F 13/22 (2013.01 - EP US); **B41F 19/062** (2013.01 - EP US); **B41P 2213/30** (2013.01 - EP US)

Cited by
DE102011108665A1; US9038533B2

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 03022579 A2 20030320; WO 03022579 A3 20030508; AT E386634 T1 20080315; AU 2001283757 A1 20030324; CN 1292899 C 20070103; CN 1545449 A 20041110; DE 50113645 D1 20080403; DK 1425173 T3 20080602; EP 1425173 A2 20040609; EP 1425173 B1 20080220; US 2005005787 A1 20050113; US 7063011 B2 20060620

DOCDB simple family (application)
CH 0100553 W 20010913; AT 01962531 T 20010913; AU 2001283757 A 20010913; CN 01823622 A 20010913; DE 50113645 T 20010913; DK 01962531 T 20010913; EP 01962531 A 20010913; US 48949404 A 20040819