

Title (en)

Method of preforming a blank by rolling

Title (de)

Verfahren zum Rollvorformen eines Rohlings

Title (fr)

Procédé de préformage d'une ébauche par des rouleaux

Publication

EP 1568423 A1 20050831 (DE)

Application

EP 05003264 A 20050216

Priority

DE 102004008800 A 20040220

Abstract (en)

A stationary blank is plastically deformed continuously and progressively. After rotating the longitudinal axis of the blank, the deformation process can be repeated as required to increase the degree of deformation. The blank may be heated prior to deformation. An independent claim is included for an apparatus for carrying out the method.

Abstract (de)

Es wird ein Vorformverfahren sowie eine Vorrichtung für Massivumformprozesse vorgeschlagen, bei dem ein feststehender Rohling (7) von mindestens einer, sich entlang einer vorgegebenen Kontur kontinuierlich fortbewegenden Walze (8) verformt wird. <IMAGE>

IPC 1-7

B21J 1/04; **B21J 5/12**; **B21H 1/20**; **B21H 1/22**; **B21H 8/00**

IPC 8 full level

B21H 1/20 (2006.01); **B21H 1/22** (2006.01); **B21H 8/00** (2006.01); **B21J 1/04** (2006.01); **B21J 5/00** (2006.01); **B21J 5/12** (2006.01); **B21J 13/02** (2006.01)

CPC (source: EP US)

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Citation (search report)

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- [XA] WO 03039787 A1 20030515 - BISHOP MFG TECHNOLOGY LTD [AU], et al
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Designated contracting state (EPC)

CH DE ES IT LI

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EP 1568423 A1 20050831; **EP 1568423 B1 20070425**; DE 102004008800 A1 20050929; DE 102005007712 A1 20050908; DE 502005000611 D1 20070606; ES 2285585 T3 20071116; US 2005183485 A1 20050825; US 7237417 B2 20070703

DOCDB simple family (application)

EP 05003264 A 20050216; DE 102004008800 A 20040220; DE 102005007712 A 20050218; DE 502005000611 T 20050216; ES 05003264 T 20050216; US 6063005 A 20050217