

Title (en)  
Method of forming a workpiece

Title (de)  
Verfahren zum Ausformen von Werkstücken

Title (fr)  
Procédé de façonnage de pièces

Publication  
**EP 1468757 B1 20090107 (DE)**

Application  
**EP 04008573 A 20040408**

Priority  
DE 10317777 A 20030416

Abstract (en)  
[origin: EP1468757A2] Process for shaping workpieces from material strips uses an auxiliary shaping agent and a tool that at least partly or completely penetrates the material strips along a contour. The auxiliary shaping agent is applied to one or both sides of the material strips only along the contour of the workpiece before shaping of the workpiece. Preferred Features: The auxiliary shaping agent is applied to both sides of the material strips along the contour during the shaping process or in a step before shaping.

IPC 8 full level  
**B21D 28/16** (2006.01); **B21D 22/02** (2006.01); **B21D 28/10** (2006.01)

CPC (source: EP)  
**B21D 22/02** (2013.01); **B21D 28/10** (2013.01)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1468757 A2 20041020; EP 1468757 A3 20051026; EP 1468757 B1 20090107**; AT E419935 T1 20090115; DE 10317777 A1 20041104;  
DE 502004008807 D1 20090226

DOCDB simple family (application)  
**EP 04008573 A 20040408**; AT 04008573 T 20040408; DE 10317777 A 20030416; DE 502004008807 T 20040408