

Title (en)  
PROCESS FOR DEFORMING A HOLLOW PART

Title (de)  
VERFAHREN ZUM UMFORMEN EINES HOHLTEILS

Title (fr)  
PROCÉDÉ POUR DÉFORMER UN ÉLÉMENT CREUX

Publication  
**EP 2180964 A2 20100505 (DE)**

Application  
**EP 08806905 A 20080824**

Priority  

- IB 2008002189 W 20080824
- EP 07016691 A 20070825
- EP 08806905 A 20080824

Abstract (en)  
[origin: EP2030701A1] The tool has dies (2a, 2b) assigned to an adjustable die (3). The adjustable die is subdivided into a set of movable segments, which are displaceably mounted in different directions. The segments support a metallic hollow part (1) e.g. transmission shaft, to be formed, in a radial direction during plastic shaping of the hollow part on multiple sides. The segments are adjusted in the radial direction, during plastic shaping of the hollow part. A common transmission element is assigned to the segments. An independent claim is also included for a method for forming a hollow part.

IPC 8 full level  
**B21C 37/20** (2006.01); **B21D 17/02** (2006.01); **B21J 5/08** (2006.01); **B21K 23/04** (2006.01)

CPC (source: EP)  
**B21C 37/205** (2013.01); **B21D 17/025** (2013.01); **B21J 5/08** (2013.01); **B21K 23/04** (2013.01)

Citation (search report)  
See references of WO 2009027789A2

Cited by  
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AL BA MK RS

DOCDB simple family (publication)  
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