

Title (en)  
Rolling die

Title (de)  
Walzbacke

Title (fr)  
Matrice de laminage

Publication  
**EP 1582276 A3 20051228 (EN)**

Application  
**EP 05006968 A 20050330**

Priority  
JP 2004103839 A 20040331

Abstract (en)  
[origin: EP1582276A2] A rolling die (2,10) is provided. The rolling die (2,10) includes a bite portion (6,16) having bite processing teeth at a bite starting point for a workpiece, and a finishing portion (7,17) having finishing processing teeth. The bite processing teeth at the starting point in the bite portion (6,16) have lower tooth height than the finishing processing teeth in the finishing portion (7,17). The bite processing teeth have a larger tooth tip angle and a larger trough angle than the finishing processing teeth. <IMAGE>

IPC 1-7  
**B21H 3/02**; **B21H 3/06**

IPC 8 full level  
**B21H 3/02** (2006.01); **B21H 3/04** (2006.01); **B21H 3/06** (2006.01)

CPC (source: EP US)  
**B21H 3/02** (2013.01 - EP US); **B21H 3/06** (2013.01 - EP US)

Citation (search report)

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- [X] DATABASE WPI Section PQ Week 198223, Derwent World Patents Index; Class P52, AN 1982-G8444E, XP002352033
- [A] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 03 5 May 2003 (2003-05-05)

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IT202000032609A1; CN102658345A

Designated contracting state (EPC)  
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