

Title (en)  
A forming die

Title (de)  
Formgesenk

Title (fr)  
Matrice de formage

Publication  
**EP 1563923 A1 20050817 (EN)**

Application  
**EP 05250140 A 20050113**

Priority  
GB 0402842 A 20040210

Abstract (en)  
A forming die (10) comprises a first die part (12) and a second die part (14). The first die part (12) has a first shaped forming surface (16) and the second die part (14) has a second shaped forming surface (18). The first die (12) has a number of pillars (28,30,32,34). Two of the pillars (28,34) are arranged at a first side of the first die (12) and two of the pillars (30,32) are arranged at a second opposite side of the first die (12). The second die (14) has a number of pillars (44,46,48,50). Two of the pillars (44,50) are arranged at the first side of the second die (14) and two of the pillars (46,48) are arranged at the second opposite side of the second die (14). The pillars (28,30,32,34) on the first die (12) are locatable on the pillars (44,46,48,50) on the second die (14). The pillars (28,30,32,34) on the first die (12) and the second die (44,46,48,50) have interlocking means (28B,30B,32B,34B, 44B,46B,48B,50B) to prevent relative movement between the first die (12) and the second die (14). <IMAGE>

IPC 1-7  
**B21D 26/02**; **B21D 37/12**

IPC 8 full level  
**B21D 26/055** (2011.01); **B21D 37/12** (2006.01)

CPC (source: EP US)  
**B21D 26/055** (2013.01 - EP US); **B21D 37/12** (2013.01 - EP US)

Citation (search report)  
• [A] US 5729901 A 19980324 - FOWLER JOHN O [GB], et al  
• [A] EP 0560528 A1 19930915 - BRITISH AEROSPACE [GB]  
• [A] US 5797239 A 19980825 - ZACCONE MARK A [US], et al  
• [A] PATENT ABSTRACTS OF JAPAN vol. 010, no. 196 (M - 497) 10 July 1986 (1986-07-10)

Cited by  
EP2295164A3

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 1563923 A1 20050817**; **EP 1563923 B1 20070207**; DE 602005000531 D1 20070322; DE 602005000531 T2 20071122;  
GB 0402842 D0 20040317; US 2005172694 A1 20050811

DOCDB simple family (application)  
**EP 05250140 A 20050113**; DE 602005000531 T 20050113; GB 0402842 A 20040210; US 3635405 A 20050118