

Title (en)  
Die-holder/tray assembly with anti-rotation means for die-forming machines

Title (de)  
Matrizenhalteranordnung mit Anti-Drehbewegungsmitteln in Gesenkformvorrichtungen

Title (fr)  
Ensemble de porte-matrice avec moyens anti-rotation pour machines d'estampage

Publication  
**EP 1162009 A3 20030521 (EN)**

Application  
**EP 01202014 A 20010528**

Priority  
IT MI20001305 A 20000609

Abstract (en)  
[origin: EP1162009A2] Die-holder (10,11,12)/tray (40) assembly for the die-forming of materials such as steel and the like, comprising first means (20,43;220,43;320,43;420,43) for relative positioning and locking of the tray (40) with respect to the die-holder (10,11,12) and second means (30,42;230,42;330,42;430,42) for constraining the relative rotation/rotary translation of the tray (40) with respect to the die-holder. <IMAGE>

IPC 1-7  
**B21D 37/14**; **B21D 37/04**

IPC 8 full level  
**B21D 37/14** (2006.01); **B21J 13/00** (2006.01); **B21J 13/03** (2006.01)

IPC 8 main group level  
**C08B** (2006.01)

CPC (source: EP)  
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Citation (search report)

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