

Title (en)  
PUNCH DIE SET.

Title (de)  
STANZSTEMPEL- UND GESENKVOORRICHTUNG.

Title (fr)  
ENSEMBLE POINCON-MATRICE.

Publication  
**EP 0523243 B1 19951129 (EN)**

Application  
**EP 92904233 A 19920204**

Priority  
• JP 3567291 A 19910204  
• JP 9200104 W 19920204

Abstract (en)  
[origin: WO9213657A1] A punch die set capable of easily making changes of a punch, a die and the like and improving a working precision. In this punch die set, a stripper inserted so as to be vertically slidable on the inner peripheral surface of a hollow sleeve (5) solidly secured to a set holder (4) through a bonding agent includes a hollow stripper body (6) and a stripper plate (7) provided with a punch through hole (8) and detachably mounted to the bottom open end of the stripper body (6). A die (2) is detachably mounted onto a die holder (20) solidly secured to the set holder (4) through a bonding agent. Positioning means are provided between the stripper body (6) and the stripper plate (7) and between the die (2) and the die holder (20), respectively.

IPC 1-7  
**B21D 28/14**; **B21D 28/34**; **B21D 45/08**

IPC 8 full level  
**B21D 28/14** (2006.01); **B21D 28/34** (2006.01); **B21D 45/00** (2006.01)

CPC (source: EP KR)  
**B21D 28/14** (2013.01 - EP KR); **B21D 28/34** (2013.01 - EP); **B21D 28/346** (2013.01 - EP); **B21D 45/006** (2013.01 - EP)

Cited by  
CN102319794A; CN102873170A

Designated contracting state (EPC)  
DE IT

DOCDB simple family (publication)  
**WO 9213657 A1 19920820**; CA 2078435 A1 19920805; DE 69206343 D1 19960111; EP 0523243 A1 19930120; EP 0523243 A4 19930728; EP 0523243 B1 19951129; JP H04253528 A 19920909; KR 930700228 A 19930313; KR 950009145 B1 19950816

DOCDB simple family (application)  
**JP 9200104 W 19920204**; CA 2078435 A 19920204; DE 69206343 T 19920204; EP 92904233 A 19920204; JP 3567291 A 19910204; KR 920702414 A 19921002