

Title (en)
PUNCH DIE SET

Publication
EP 0523243 A4 19930728 (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.

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IPC 8 full level
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CPC (source: EP KR)
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Citation (search report)
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• [Y] US 3296905 A 19670110 - KILLALY JOHN S
• [Y] WO 8911932 A1 19891214 - STAUFFER G & CO AG [CH]
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• See references of WO 9213657A1

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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

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