

Title (en)

Stretch-draw tool

Title (de)

Streckziehwerkzeug

Title (fr)

Outil d' étirage-emboutissage

Publication

**EP 1362650 A3 20051005 (DE)**

Application

**EP 03008130 A 20030408**

Priority

DE 10222314 A 20020518

Abstract (en)

[origin: EP1362650A2] The stretch drawing tool includes a straining device in the form of strain slides (6A, 6B) at the ends, acting with each other in pairs transversely to the stroke direction of the tool components (1, 2). They run in linear guides (16) at the same angle to the interior of the tool, and can move against a defined counterforce.

IPC 1-7

**B21D 22/02**

IPC 8 full level

**B21D 22/02** (2006.01); **B21D 25/02** (2006.01)

CPC (source: EP)

**B21D 22/02** (2013.01); **B21D 25/02** (2013.01)

Citation (search report)

- [A] DE 1602551 A1 19710311 - SIEMPELKAMP GMBH & CO
- [A] DE 3206212 A1 19821014 - SCHLOEMANN SIEMAG AG [DE], et al
- [A] US 6041639 A 20000328 - PACHER GLEN C [US], et al
- [A] FR 2646623 A1 19901109 - PEUGEOT [FR], et al
- [A] WO 9914001 A1 19990325 - COSMA INT INC [CA]

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ITTO20100687A1; WO2012037915A1; WO2012045292A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

**EP 1362650 A2 20031119; EP 1362650 A3 20051005; EP 1362650 B1 20070711**; DE 10222314 A1 20031127; DE 50307636 D1 20070823; ES 2287377 T3 20071216

DOCDB simple family (application)

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