

Title (en)
Press for making variable workpieces

Title (de)
Presse zur Herstellung variabler Bearbeitungsmuster

Title (fr)
Presse pour fabriquer des pièces de travail variables

Publication
EP 0963801 B1 20040225 (DE)

Application
EP 99110928 A 19990604

Priority
DE 19825842 A 19980610

Abstract (en)
[origin: EP0963801A2] The abutment surface (45) for the catch (42) used to fix the work tool part (11, 24) in the active (working) position is divided into at least two surface regions (45a-45d), as is the counter-abutment surface (36). The press contains a work tool whose upper work tool section (4) is mounted on a movable press tappet and has at least one work tool part mounted on it, this part being switchable between active and passive positions. A locking device (42, 51) used to fix the work in the active (working) position includes a movable catch with abutment surface movable in and out of position along with a counter-abutment surface.

IPC 1-7
B21D 28/24

IPC 8 full level
B21D 37/00 (2006.01); **B21D 28/24** (2006.01)

CPC (source: EP)
B21D 28/246 (2013.01)

Cited by
CN110027352A; CN103253054A; CN118045905A; WO2020156606A3

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI SE

DOCDB simple family (publication)
EP 0963801 A2 19991215; EP 0963801 A3 20010418; EP 0963801 B1 20040225; AT E260155 T1 20040315; CZ 203099 A3 19991215; DE 19825842 A1 19991216; DE 59908618 D1 20040401

DOCDB simple family (application)
EP 99110928 A 19990604; AT 99110928 T 19990604; CZ 203099 A 19990607; DE 19825842 A 19980610; DE 59908618 T 19990604