

Title (en)  
Blind fastener

Title (de)  
Blindbefestigersetzgerät

Title (fr)  
Dispositif de fixation aveugle

Publication  
**EP 0689888 B1 19980422 (DE)**

Application  
**EP 95108717 A 19950607**

Priority  
DE 4422877 A 19940630

Abstract (en)  
[origin: EP0689888A1] The setting tool comprises an adjustable mouth piece (7) which is shaped as a polygon. The mandrel guide channels (8) extend from one side (14) to an opposite corner (15). The mouth piece is rotatable about a mainly stationary axis, which extends at right angles to the drawing direction of the drawing mechanism (3). The mouth piece has bearing journals, which project at right angles to the mandrel guide channels. The journals support the mouth piece on a bearing section of the housing (2). The drawing mechanism is moveable relative to that housing section. <IMAGE>

IPC 1-7  
**B21J 15/04**

IPC 8 full level  
**B21J 15/04** (2006.01); **B21J 15/06** (2006.01); **F16B 19/10** (2006.01)

CPC (source: EP US)  
**B21J 15/043** (2013.01 - EP US); **B21J 15/105** (2013.01 - EP US); **Y10T 29/53761** (2015.01 - EP US)

Cited by  
ITMI20100329A1

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

DOCDB simple family (publication)  
**EP 0689888 A1 19960103; EP 0689888 B1 19980422**; AT E165261 T1 19980515; AU 2333095 A 19960118; AU 686376 B2 19980205; BR 9503011 A 19960123; CZ 158195 A3 19960417; DE 4422877 A1 19960104; FI 953194 A0 19950628; FI 953194 A 19951231; HU 212658 B 19960930; HU 9501889 D0 19950828; HU T71876 A 19960228; NO 952621 D0 19950629; NO 952621 L 19960102; PL 309420 A1 19960108; US 5603151 A 19970218; ZA 954877 B 19960131

DOCDB simple family (application)  
**EP 95108717 A 19950607**; AT 95108717 T 19950607; AU 2333095 A 19950629; BR 9503011 A 19950629; CZ 158195 A 19950616; DE 4422877 A 19940630; FI 953194 A 19950628; HU 9501889 A 19950627; NO 952621 A 19950629; PL 30942095 A 19950629; US 49428195 A 19950623; ZA 954877 A 19950613