

Title (en)
Flat rolling die

Title (de)
Walzstange

Title (fr)
Matrice de laminage

Publication
EP 1442808 B1 20090204 (DE)

Application
EP 04009469 A 20010608

Priority
• DE 10028165 A 20000609
• EP 01955205 A 20010608

Abstract (en)
[origin: EP1442808A2] Cold rolling machine comprises two profiled rollers (2, 4) moving in opposite directions and each arranged on a guide (52, 54) over a carriage (56, 58); and an adjusting device (38, 40) having an adjustment drive (44) via which the rollers can be adjusted during the rolling process. An independent claim is also included for a process for cold rolling a workpiece using the above machine. Preferred Features: The adjusting device has a guiding carriage (38, 40) for each guide, the guiding carriage being able to move on a bevel guide (34, 36).

IPC 8 full level
B21H 5/02 (2006.01); **B21H 3/06** (2006.01); **B21H 7/14** (2006.01); **B21H 7/18** (2006.01)

CPC (source: EP US)
B21H 5/027 (2013.01 - EP US); **B21H 3/06** (2013.01 - EP US); **B21H 7/14** (2013.01 - EP US); **B21H 7/18** (2013.01 - EP US)

Cited by
DE102004053501B3; WO2009033927A1; WO2009018992A1

Designated contracting state (EPC)
DE FR

DOCDB simple family (publication)
DE 10028165 A1 20011213; AT E276846 T1 20041015; DE 20122205 U1 20040930; DE 50103775 D1 20041028; DE 50114694 D1 20090319; EP 1286794 A1 20030305; EP 1286794 B1 20040922; EP 1286794 B2 20091230; EP 1442808 A2 20040804; EP 1442808 A3 20040929; EP 1442808 B1 20090204; US 2004007034 A1 20040115; US 2006162409 A1 20060727; US 7051565 B2 20060530; US 7353679 B2 20080408; WO 0194048 A1 20011213

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