

Title (en)
Machine to draw bars

Title (de)
Maschine zum Ziehen von Stangen

Title (fr)
Machine d'étirage des barres

Publication
EP 0645200 B1 19980128 (EN)

Application
EP 94114476 A 19940914

Priority
IT US930200 A 19930929

Abstract (en)
[origin: EP0645200A1] Machine to draw bars, which comprises a die-holder drawplate assembly and a drawing assembly (11) of the type disclosed in EP-A-548723 and also comprises an assembly for the reciprocal adjustment of chain assemblies (13-113), an assembly of links and an assembly for backward drawing, in which the drawplate (12) includes downstream momentarily actuated grippers (17) and is associated with a carriage (18) able to move along the drawing axis (15) upstream of the drawplate (12) by a length coordinated with the minimum length of clamping by the facing chains (13-113), the movable carriage (18) being associated with a first jack actuation means (22), the support (47) of the drawplate (12) cooperating during drawing with a toric load cell (33), the load cell (33) being associated with a unit (57) that governs means (32) that actuate angular displacement. <IMAGE>

IPC 1-7
B21C 1/30

IPC 8 full level
B21C 1/30 (2006.01)

CPC (source: EP)
B21C 1/30 (2013.01); **B21L 11/10** (2013.01)

Cited by
DE19637686C1; DE10134949A1; EP0864382A1; CN104550314A; EP0849010A1; US5921128A; US5809823A; EP0827789A3; CN105848799A; CN109290512A; US9636728B2; DE19636322C1; US5855136A; FR2731925A1; US5660071A; EP0826438A3; RU2475318C1; WO2015101943A1; WO9630136A1; US6644467B1; US6663523B1; WO0114076A1; WO0114075A1; EP4245434A1; DE102022106273A1

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