

Title (en)
LEVER TOOL WITH PROGRESSIVE TRANSMISSION

Publication
EP 0058828 A3 19830720 (DE)

Application
EP 82100471 A 19820123

Priority
DE 3104263 A 19810207

Abstract (en)
[origin: US4449421A] Lever mechanism with progressive transmission for increasing the force in presses and the like consisting of a retaining plate fastened to the ram of the machine, a movable mechanism component connected with the retaining plate and a support plate for a stationary mechanism component, comprising a lever yoke (6) with fulcrum points (7, 8, 11) arranged in a generally triangular array, one of said fulcrum points being pivotally to the movable mechanism component (3) by means of an equilibration link (9), the second fulcrum point (7) being pivotally connected to the retaining plate (2) and the third fulcrum point (11) being pivotally connected to the support plate (4) by means of another equilibrium link (12).

IPC 1-7
B30B 1/10

IPC 8 full level
B30B 1/02 (2006.01); **B30B 1/10** (2006.01)

CPC (source: EP US)
B30B 1/10 (2013.01 - EP US); **Y10T 74/18992** (2015.01 - EP US); **Y10T 74/20558** (2015.01 - EP US); **Y10T 74/20588** (2015.01 - EP US)

Citation (search report)
• US 2667788 A 19540202 - OTTO MAY, et al
• CH 75027 A 19170601 - EFFORT S A L [CH]
• AT 3768 B 19010410 - MONATH VICTOR

Designated contracting state (EPC)
FR GB IT SE

DOCDB simple family (publication)
EP 0058828 A2 19820901; **EP 0058828 A3 19830720**; **EP 0058828 B1 19860604**; BR 8200607 A 19821214; DE 3104263 A1 19820812; DE 3104263 C2 19831124; JP S57146497 A 19820909; US 4449421 A 19840522

DOCDB simple family (application)
EP 82100471 A 19820123; BR 8200607 A 19820204; DE 3104263 A 19810207; JP 1769982 A 19820208; US 34323182 A 19820127