

Title (en)
POWER DRIVEN PLIERS-TYPE TOOL HOLDER FOR HANDLING DEVICES

Publication
EP 0384100 B1 19930811 (DE)

Application
EP 90100068 A 19900103

Priority
DE 3905466 A 19890222

Abstract (en)
[origin: EP0384100A2] A power-driven tool holder for handling devices comprises a base on which tong members are articulated. These are designed as two-armed levers and, at one free end, carry a tool and, at the other, a cam follower. A cam-track head associated jointly with all tong members is hydraulically displaceable and, for each tong member, has an individually matched cam track against which the associated cam follower rests. <IMAGE>

IPC 1-7
B21D 39/03

IPC 8 full level
B25J 15/04 (2006.01); **B21D 39/03** (2006.01); **B23K 37/00** (2006.01); **B25J 15/02** (2006.01)

CPC (source: EP US)
B21D 39/031 (2013.01 - EP US); **Y10T 29/5377** (2015.01 - EP US); **Y10T 29/5383** (2015.01 - EP US)

Cited by
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EP 0384100 A2 19900829; EP 0384100 A3 19910529; EP 0384100 B1 19930811; AT E92802 T1 19930815; CA 2008433 A1 19900822; CA 2008433 C 19950117; DE 3905466 A1 19900823; DE 59002234 D1 19930923; DK 0384100 T3 19931025; ES 2044233 T3 19940101; JP H02243287 A 19900927; SU 1766242 A3 19920930; US 5040278 A 19910820

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