

Title (en)  
FLUID-OPERATED DRIVING TOOL

Publication  
**EP 0191186 A3 19870616 (DE)**

Application  
**EP 85115954 A 19851213**

Priority  
DE 3502977 A 19850130

Abstract (en)  
[origin: US4688645A] A hand-held impact tool operated by a pressure medium includes a work cylinder, a piston movable in the work cylinder by the pressure medium, and an impact member. A pressure medium container, preferably a CO<sub>2</sub>-cartridge, is immediately attached to the housing of the tool so that no pressure medium conduit system or electric cable system are required. The force of the spring for driving the impact member is adjustable. The tool is provided with a displaceable hand grip and a releasing handle for releasing the impact member.

IPC 1-7  
**B25C 1/04**

IPC 8 full level  
**B25C 1/04** (2006.01)

CPC (source: EP US)  
**B25C 1/04** (2013.01 - EP US)

Citation (search report)

- [X] US 4211352 A 19800708 - ZILKA THOMAS J [US]
- [X] US 3049712 A 19620821 - KHAN JOSEPH A
- [Y] DE 2037866 A1 19710304
- [A] US 3362602 A 19680109 - ANSTETT EDGAR P

Cited by  
FR2628020A1; AU2002323718B2; EP1325796A3; US7845532B2; US6845896B2; US6786379B2; WO03002308A1

Designated contracting state (EPC)  
CH DE FR GB LI

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**EP 0191186 A2 19860820; EP 0191186 A3 19870616**; DE 3502977 A1 19860731; JP S61178187 A 19860809; US 4688645 A 19870825

DOCDB simple family (application)  
**EP 85115954 A 19851213**; DE 3502977 A 19850130; JP 1698486 A 19860130; US 78375485 A 19851003