

Title (en)

Impact tool with pneumatic drive

Title (de)

Impulswerkzeug mit pneumatischer Antriebseinheit

Title (fr)

Outil à chocs avec mécanisme pneumatique d'entraînement

Publication

EP 1920889 B1 20091028 (DE)

Application

EP 06023568 A 20061113

Priority

EP 06023568 A 20061113

Abstract (en)

[origin: EP1920889A1] The impulse tool has an inertia trip device (5) which has at least one trip piston (8) which is movable relative to the drive rotor (3) for changing the air feed (6) between the open and closed positions, and an annular inertia component (9) which is co-rotatable by the drive rotor. By the inner contour of the inertia component, at least one drive component (11), which is radially adjustable relative to the drive rotor, can be deflected upon achieving the trip impulse. The drive component is movably connected to a release device (13), movable between a released and an arrested position, for the trip piston.

IPC 8 full level

B25B 21/02 (2006.01); **B25B 23/145** (2006.01)

CPC (source: EP US)

B25B 21/02 (2013.01 - EP US); **B25B 23/1453** (2013.01 - EP US)

Cited by

TWI401141B

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1920889 A1 20080514; **EP 1920889 B1 20091028**; AT E446823 T1 20091115; DE 502006005262 D1 20091210; ES 2335911 T3 20100406; US 2008110655 A1 20080515; US 7484569 B2 20090203

DOCDB simple family (application)

EP 06023568 A 20061113; AT 06023568 T 20061113; DE 502006005262 T 20061113; ES 06023568 T 20061113; US 93933407 A 20071113