

Title (en)
Tool holder for percussion tool

Title (de)
Schlagwerkzeugaufnahme

Title (fr)
Porte-outil pour outil à percussion

Publication
EP 1747853 A2 20070131 (DE)

Application
EP 06117430 A 20060718

Priority
DE 102005000097 A 20050728

Abstract (en)
The tool holder has at least one radially movable locking body (3) and a radial locking arrangement (5,6) with a locking surface (4) radially facing the locking body. The locking arrangement is formed to be at least partly radially damping at least on the locking surface. The locking surface consist of a material with a maximum of the imaginary component of the complex modulus of elasticity in the temperature range between 0 and 100 degrees C and in the frequency range between 1 and 100 Hz.

Abstract (de)
Eine Werkzeugaufnahme (1) für ein zumindest teilweise schlagend angetriebenes Werkzeug mit zumindest einem radial versetzbaren Verriegelungskörper (3) und einem diesen nach radial Aussen verriegelnden Verriegelungsmittel (5+6) mit einer dem Verriegelungskörper (3) radial zugewandten Verriegelungsfläche (4), welches zumindest an der Verriegelungsfläche (4) radial dämpfend ausgebildet ist.

IPC 8 full level
B25D 17/24 (2006.01)

CPC (source: EP US)
B25D 17/088 (2013.01 - EP US); **B25D 17/24** (2013.01 - EP US); **B25D 2217/0042** (2013.01 - EP US); **B25D 2250/085** (2013.01 - EP US); **Y10T 279/17752** (2015.01 - EP US)

Cited by
CN105500262A; WO2022199931A1

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1747853 A2 20070131; **EP 1747853 A3 20090812**; CN 1903514 A 20070131; CN 1903514 B 20110615; DE 102005000097 A1 20070201; JP 2007030161 A 20070208; US 2007024013 A1 20070201

DOCDB simple family (application)
EP 06117430 A 20060718; CN 200610107479 A 20060725; DE 102005000097 A 20050728; JP 2006205234 A 20060727; US 49608406 A 20060727