

Title (en)
TOOL HOLDING FIXTURE AND INSERT TOOL

Title (de)
WERKZEUGAUFNAHME UND EINSATZWERKZEUG

Title (fr)
RACCORDEMENT D'OUTIL ET OUTIL D'INSERTION

Publication
EP 1515824 A1 20050323 (DE)

Application
EP 03727200 A 20030411

Priority
• DE 0301229 W 20030411
• DE 10225583 A 20020610

Abstract (en)
[origin: WO03103900A1] The invention relates to a tool holding fixture for a machine tool (10), particularly for a hand-guided angle grinder, comprising a drive device (12), via which the insert tool (14) having a discoidal hub (64) can be actively connected to a drive shaft (16), and comprising an attaching device (18) that has a retaining position and a releasing position. According to the invention, the attaching device (18), when in the releasing position, enables the insert tool (14) to be connected with positive engagement to the drive device (12) in peripheral direction (20, 22) and, when in the retaining position, also enables the insert tool to be connected with positive engagement to the drive device (12) in axial direction (24, 26).

IPC 1-7
B24D 7/16; **B24B 23/02**; **B24B 45/00**

IPC 8 full level
B24B 23/02 (2006.01); **B24B 45/00** (2006.01); **B24D 7/16** (2006.01)

CPC (source: EP US)
B24B 23/028 (2013.01 - EP US); **B24B 45/006** (2013.01 - EP US); **B24D 7/16** (2013.01 - EP US); **Y10T 83/9379** (2015.04 - EP US); **Y10T 279/18** (2015.01 - EP US); **Y10T 279/33** (2015.01 - EP US); **Y10T 403/7005** (2015.01 - EP US); **Y10T 409/309352** (2015.01 - EP US); **Y10T 409/309408** (2015.01 - EP US)

Citation (search report)
See references of WO 03103900A1

Designated contracting state (EPC)
CH DE GB LI

DOCDB simple family (publication)
WO 03103900 A1 20031218; CN 100420548 C 20080924; CN 1649696 A 20050803; DE 10225583 A1 20040108; EP 1515824 A1 20050323; JP 2005528990 A 20050929; US 2004258497 A1 20041223; US 7258515 B2 20070821

DOCDB simple family (application)
DE 0301229 W 20030411; CN 03810016 A 20030411; DE 10225583 A 20020610; EP 03727200 A 20030411; JP 2004511007 A 20030411; US 49614504 A 20040520