

Title (en)
Machine tool

Title (de)
Werkzeugmaschine

Title (fr)
Machine-outil

Publication
EP 2255928 B1 20140611 (DE)

Application
EP 10163029 A 20100517

Priority
DE 102009026542 A 20090528

Abstract (en)
[origin: EP2255928A1] The machine tool has a pneumatic hammer mechanism (12) comprising a cup-shaped cylinder (21) with an inner room (31) opened in a lay direction (26) and a flying piston (22) that is moved in the inner room. The flying piston comprises a sealing element (53) for sealing a ventilation opening (35) when the sealing element lies opposite to the ventilation opening. The flying piston is spaced apart from an envelope-shaped wall (39) in an area of a cavity when the sealing element lies opposite to the cavity.

IPC 8 full level
B25D 11/00 (2006.01); **B25D 11/12** (2006.01); **B25D 17/06** (2006.01)

CPC (source: EP US)
B25D 11/005 (2013.01 - EP US); **B25D 11/125** (2013.01 - EP US); **B25D 17/06** (2013.01 - EP US); **B25D 2211/003** (2013.01 - EP US); **B25D 2217/0023** (2013.01 - EP US); **B25D 2250/035** (2013.01 - EP US); **B25D 2250/131** (2013.01 - EP US); **B25D 2250/345** (2013.01 - EP US); **B25D 2250/365** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
EP 2255928 A1 20101201; **EP 2255928 B1 20140611**; CN 101920489 A 20101222; CN 101920489 B 20150311; DE 102009026542 A1 20101209; US 2010300718 A1 20101202; US 8739895 B2 20140603

DOCDB simple family (application)
EP 10163029 A 20100517; CN 201010189155 A 20100525; DE 102009026542 A 20090528; US 80089610 A 20100525