

Title (en)

Machine tool in the form of a press for processing workpieces, in particular metal sheets

Title (de)

Werkzeugmaschine in Form einer Presse zum Bearbeiten von Werkstücken, insbesondere von Blechen

Title (fr)

Machine-outil sous la forme d'une presse pour le traitement de pièces usinées, notamment de tôles

Publication

**EP 2527058 B1 20140716 (DE)**

Application

**EP 11167704 A 20110526**

Priority

EP 11167704 A 20110526

Abstract (en)

[origin: EP2527058A1] The machine tool comprises a hub drive device (13), by which a press tool (11) is movable along a hub axis (14) in the direction of a workpiece to be processed or in the counter direction. The hub drive device has a wedge gear (21) provided between a motor drive and the press tool, where the wedge gear has two input-sided wedge gear elements (22,23) and two output-sided wedge gear elements (24,25). The input-sided wedge gear elements simultaneously lie opposite to the assigned output-sided wedge gear element at the corresponding wedge surface.

IPC 8 full level

**B21D 28/00** (2006.01); **B30B 1/40** (2006.01)

CPC (source: EP KR US)

**B21D 28/002** (2013.01 - EP US); **B21D 28/02** (2013.01 - KR); **B21D 28/20** (2013.01 - US); **B30B 1/40** (2013.01 - EP KR US); **Y10T 83/8841** (2015.04 - EP US)

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DE102016119435A1; DE102016119434A1; DE102016119457A1; DE102018113493A1; DE102016120142A1; DE102016120151A1; EP3025803A1; DE102016119464A1; DE102016119464B4; EP3219404A1; WO2018055184A1; DE102016118175A1; WO2018055178A1; WO2018055180A1; EP3106241A1; EP3269468A1; WO2018055182A1; WO2018055177A1; WO2018055185A1; WO2018055187A1; CN109789470A; CN109789475A; DE102016120141B3; CN104438570A; JP2016097447A; CN108372233A; CN104723154A; EP2887513A3; CN105102145A; DE102016118175B4; CN109789466A; JP2017164815A; DE102016120035B3; US11229980B2; WO2019234183A1; WO2018055186A1; US11471924B2; US10220475B2; US10232467B2; WO2018055183A1; US11376647B2; US10722978B2; US11219936B2; WO2014168227A1; TWI679833B; US10543522B2; US9539633B2; US11241727B2; EP2887513A2; DE102013226826A1; US9981299B2; US11478835B2; US11478834B2; US10625330B2

Designated contracting state (EPC)

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**EP 2527058 A1 20121128**; **EP 2527058 B1 20140716**; CN 103596710 A 20140219; CN 103596710 B 20160217; ES 2517390 T3 20141103; JP 2014515315 A 20140630; JP 6016896 B2 20161026; KR 101887726 B1 20180910; KR 20140071280 A 20140611; PL 2527058 T3 20150130; US 2014090443 A1 20140403; US 9561533 B2 20170207; WO 2012160039 A1 20121129

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