

Title (en)

TOOL UNIT OF A ROTARY KNEADING MACHINE

Title (de)

WERKZEUGEINHEIT EINER RUNDKNETMASCHINE

Title (fr)

UNITÉ OUTIL D'UNE MACHINE DE PÉTRISSAGE ROTATIF

Publication

EP 2555888 B1 20140604 (DE)

Application

EP 11711525 A 20110328

Priority

- DE 102010014602 A 20100409
- EP 2011054697 W 20110328

Abstract (en)

[origin: WO2011124487A1] The invention relates to a tool unit of a rotary kneading machine for shaping preferably bar or tube shaped work pieces. Said tool unit has a plurality of shaping tools (22) which are arranged about a working axis (18) and which can be driven in a stroke movement radially to the working axis (18) by means of a tool drive. Adjusting means (38) are associated with the shaping tools and they can adjust the stroke positions of the shaping tools (22) such that said shaping tools (22), in the closed state, lie against each other with a closing pressure dependent on the adjusted stroke positions. According to the invention, said tool unit comprises a measuring device for measuring a parameter for checking the closing pressure produced in the adjusted stroke positions of the shaping tools (22).

IPC 8 full level

B21J 7/14 (2006.01); **B21J 7/46** (2006.01)

CPC (source: EP KR US)

B21J 7/14 (2013.01 - KR); **B21J 7/145** (2013.01 - EP US); **B21J 7/16** (2013.01 - US); **B21J 7/46** (2013.01 - EP KR US); **B21J 13/02** (2013.01 - KR)

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 RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102010014602 A1 20111013; CN 102834199 A 20121219; CN 102834199 B 20150729; DK 2555888 T3 20140908; EP 2555888 A1 20130213; EP 2555888 B1 20140604; ES 2498922 T3 20140926; KR 20130040884 A 20130424; PL 2555888 T3 20141128; US 2013067977 A1 20130321; WO 2011124487 A1 20111013

DOCDB simple family (application)

DE 102010014602 A 20100409; CN 201180017701 A 20110328; DK 11711525 T 20110328; EP 11711525 A 20110328; EP 2011054697 W 20110328; ES 11711525 T 20110328; KR 20127029362 A 20110328; PL 11711525 T 20110328; US 201113640075 A 20110328