

Title (en)

EXTRUSION PRESS FOR THE CONTINUOUS MANUFACTURE OF PROFILES OUT OF AN EXTRUDABLE MATERIAL

Title (de)

STRANGPRESSMASCHINE ZUM KONTINUIERLICHEN HERSTELLEN VON PROFILEN AUS EINEM UMFORMBAREN STRANGPRESSGUT

Title (fr)

PRESSE A EXTRUSION POUR LA FABRICATION CONTINUE DE PROFILES A PARTIR D'UN MATERIAU EXTRUDABLE

Publication

**EP 3071346 A2 20160928 (DE)**

Application

**EP 14830369 A 20141117**

Priority

- AT 507652013 A 20131118
- AT 2014050274 W 20141117

Abstract (en)

[origin: WO2015070274A2] The invention relates to a tool unit (12) for an extrusion machine (1) with a scraping element (51), a tool element (49) with an expanding channel (50) which receives the scraped extrusion material (3), and a die (53). The tool unit (12) comprises a receiving cage (42) with first and second receiving cage parts (43, 44). The tool element (49) is received in a receiving channel (48) in the first receiving cage part (43). A receiving chamber (52) which faces the first receiving cage part (43) is formed in the second receiving cage part (44), at least the die (53) being received in said receiving chamber and being supported on a support surface (56). A common receiving groove (62) with at least one groove base surface (63, 64) is formed in both the tool element (49) as well as in the first receiving cage part (43), the scraping element (51) being loosely positioned and supported in the groove. The invention further relates to an extrusion machine (1) and to a method for changing a friction wheel (4).

IPC 8 full level

**B21C 23/00** (2006.01); **B21C 23/21** (2006.01); **B21C 25/02** (2006.01)

CPC (source: AT EP US)

**B21C 23/005** (2013.01 - AT EP US); **B21C 23/212** (2013.01 - EP US); **B21C 25/02** (2013.01 - EP US)

Citation (search report)

See references of WO 2015070274A2

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2015070274 A2 20150521**; **WO 2015070274 A3 20150917**; AT 515164 A1 20150615; AT 515164 B1 20230115; EP 3071346 A2 20160928; EP 3071346 B1 20180627; EP 3409391 A2 20181205; EP 3409391 A3 20190220; EP 3409391 B1 20201223; PL 3071346 T3 20181231; PL 3409391 T3 20210712; US 10376939 B2 20190813; US 2016361743 A1 20161215

DOCDB simple family (application)

**AT 2014050274 W 20141117**; AT 507652013 A 20131118; EP 14830369 A 20141117; EP 18179253 A 20141117; PL 14830369 T 20141117; PL 18179253 T 20141117; US 201415037096 A 20141117