

Title (en)

Shaping machine, in particular bending machine and method for reconfiguring such a shaping machine

Title (de)

Umformungsmaschine, insbesondere Biegemaschine und Verfahren zum Ausrichten einer solchen Umformmaschine

Title (fr)

Machine de déformage, notamment cintreuse et procédé pour reconfigurer telle machine de déformage

Publication

EP 2641669 B1 20140514 (DE)

Application

EP 13152173 A 20130122

Priority

DE 102012204740 A 20120323

Abstract (en)

[origin: EP2641669A1] The machine (1) has a coupling unit arranged at an adjusting element i.e. large gear wheel, and controllable by a control device for optionally coupling the adjusting element with a support unit (23) of a shaping unit through an annular through hole (19), so that the adjusting element moves the support unit and the shaping unit along the annular through hole during a rotating movement in order to displace the shaping unit to a desired target operating position. The support unit is fixable at a mounting frame (5) for fixing the operating position.

IPC 8 full level

B21D 7/02 (2006.01); **B21F 1/00** (2006.01)

CPC (source: EP)

B21D 7/02 (2013.01); **B21D 43/028** (2013.01); **B21F 1/00** (2013.01); **B21F 1/006** (2013.01)

Cited by

EP3219406A1; DE102016204572A1; CN113145703A; CN112453125A; CN112893685A; CN111546062A; CN113427377A; US10244793B2; USD848057S; US10279934B2; USD851830S; USD887632S; USD836541S; US10405582B2; US10076139B2; US10667560B2; US10111470B2; USD842536S; US10045568B2; US10058129B2; US10117466B2; US10117465B2; US10912331B2; US10512282B2; USD913583S; USD929036S; US10104915B2; US10638792B2; US10045567B2; US10058124B2; US10058130B2; US10070669B2; US10159282B2; US10201190B2; US10264823B2; US11752283B2

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)

EP 2641669 A1 20130925; **EP 2641669 B1 20140514**; DE 102012204740 A1 20130926; DE 202013002888 U1 20130424; EP 2756893 A1 20140723; EP 2756893 B1 20151021; ES 2466923 T3 20140611; ES 2552537 T3 20151130; HK 1204233 A1 20151113; PL 2641669 T3 20141128; PL 2756893 T3 20160429

DOCDB simple family (application)

EP 13152173 A 20130122; DE 102012204740 A 20120323; DE 202013002888 U 20130325; EP 14151946 A 20140121; ES 13152173 T 20130122; ES 14151946 T 20140121; HK 15104104 A 20150428; PL 13152173 T 20130122; PL 14151946 T 20140121