

Title (en)
Forming device

Title (de)
Umformeinrichtung

Title (fr)
Dispositif de formage

Publication
EP 2363216 B1 20121024 (DE)

Application
EP 10002286 A 20100305

Priority
EP 10002286 A 20100305

Abstract (en)
[origin: EP2363216A1] The shaping device (1) has a machine frame (2), a driving device (6), a work piece round table (3) for retaining of hollow bodies (56) and a tool carrier (4) for retaining processing tools (58). A guiding device (40) is arranged at an external surface (36) of support tubes (33). The guiding device is formed for a linear-mobile bearing of the tool carrier or the work piece round table at the support tubes.

IPC 8 full level
B21D 22/02 (2006.01); **B21D 51/26** (2006.01); **B30B 15/04** (2006.01)

CPC (source: EP US)
B21D 22/02 (2013.01 - EP US); **B21D 51/2615** (2013.01 - EP US); **B30B 1/263** (2013.01 - EP US); **B30B 1/266** (2013.01 - EP US); **B30B 1/28** (2013.01 - EP US); **B30B 15/041** (2013.01 - EP US)

Cited by
EP3053668A1; ITUB20155832A1; WO2017089959A1

Designated contracting state (EPC)
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 2363216 A1 20110907; EP 2363216 B1 20121024; ES 2398038 T3 20130313; US 2011214468 A1 20110908; US 8826715 B2 20140909

DOCDB simple family (application)
EP 10002286 A 20100305; ES 10002286 T 20100305; US 201113034243 A 20110224