

Title (en)
FORMING MACHINE AND METHOD FOR FORMING

Title (de)
UMFORMMASCHINE UND VERFAHREN ZUM UMFORMEN

Title (fr)
MACHINE DE DÉFORMATION ET PROCÉDÉ DE DÉFORMATION

Publication
EP 3681653 A1 20200722 (DE)

Application
EP 19706246 A 20190207

Priority
• DE 202018100889 U 20180216
• EP 2019053015 W 20190207

Abstract (en)
[origin: WO2019158428A1] The invention relates to a forming machine for forming a tubular workpiece, comprising a machine base body, a first main spindle unit, to which a first spinning mandrel is attached and can be driven to rotate about a main spindle axis, and a second main spindle unit, on which a second spinning mandrel is attached and can be driven to rotate about the main spindle axis, wherein the second main spindle unit is axially opposite the first main spindle unit and the two main spindle units can be axially adjusted between a forming position, in which the workpiece is axially clamped between the first main spindle unit and the second main spindle unit, and a set-up position, in which the first main spindle unit is axially spaced apart from the second main spindle unit for introducing and removing the workpiece. The forming machine further comprises at least one first forming roller unit, which can be moved to the clamped and rotationally driven workpiece to carry out forming, and at least one second forming roller unit, which can be moved to the clamped and rotationally driven workpiece to carry out forming.

IPC 8 full level
B21D 22/16 (2006.01); **B21D 53/30** (2006.01)

CPC (source: EP)
B21D 22/16 (2013.01); **B21D 53/30** (2013.01)

Citation (search report)
See references of WO 2019158428A1

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)
DE 202018100889 U1 20180424; EP 3681653 A1 20200722; EP 3681653 B1 20220727; WO 2019158428 A1 20190822

DOCDB simple family (application)
DE 202018100889 U 20180216; EP 19706246 A 20190207; EP 2019053015 W 20190207