

Title (en)  
BAR FEEDING DEVICE

Title (de)  
STANGENZUFUHREREINRICHTUNG

Title (fr)  
DISPOSITIF D'APPORT DE BARRES

Publication  
**EP 3227039 A2 20171011 (DE)**

Application  
**EP 15805150 A 20151203**

Priority  
• DE 102014117947 A 20141205  
• EP 2015078493 W 20151203

Abstract (en)  
[origin: WO2016087574A2] The aim of the invention is to improve a bar feeding device, comprising at least one bar guide for supplying at least one bar of material to at least one workpiece spindle of a lathe, and a machining unit for producing an end contour on an end of the bar of material, which allows gripping the end by means of a collet chuck in the rod guide, in such a manner that it operates as efficiently as possible and, in particular, allows reloading of bars of material into the at least one bar guide as efficiently as possible and in a short time, it is proposed that the bar feeding device comprises a bar loading magazine that is rotatable about a magazine axis, which has more than two bar guides arranged about the magazine axis in a magazine drum, and that the bar feeding device comprises a buffer store arranged between the machining unit and the bar loading magazine, said buffer store storing a plurality of premachined bars of material which are provided with the end contour.

IPC 8 full level  
**B23B 13/04** (2006.01); **B23B 5/16** (2006.01); **B23B 13/10** (2006.01); **B23B 13/12** (2006.01)

CPC (source: EP US)  
**B23B 5/16** (2013.01 - EP US); **B23B 13/04** (2013.01 - EP US); **B23B 13/10** (2013.01 - EP US); **B23B 13/12** (2013.01 - EP US)

Citation (examination)  
US 3782593 A 19740101 - DOE E

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 2016087574 A2 20160609**; **WO 2016087574 A3 20160728**; DE 102014117947 A1 20160609; EP 3227039 A2 20171011;  
US 2017259343 A1 20170914

DOCDB simple family (application)  
**EP 2015078493 W 20151203**; DE 102014117947 A 20141205; EP 15805150 A 20151203; US 201715605467 A 20170525