

Title (en)  
SHEET METAL BENDING MACHINE WITH VARIABLE ROLLER GEOMETRY

Title (de)  
BLECHBIEGEMASCHINE MIT VERÄNDERBARER WALZENGEOMETRIE

Title (fr)  
MACHINE DE PLIAGE À TÔLES À GÉOMÉTRIE DES ROULEAUX MODIFIABLE

Publication  
**EP 3581291 B1 20230913 (DE)**

Application  
**EP 19178287 A 20190604**

Priority  
DE 102018113966 A 20180612

Abstract (en)  
[origin: US2019374989A1] A bending machine is described, which comprises an upper roller and a lower roller, as well as at least one side roller. The side roller is held in a rocker arm, wherein the first end of which is fixed to a movable supporting member, and the second end of which can be supported in a first position relative to the upper and lower rollers. The rocker arm can be moved to a second position by means of the movable supporting member and fixed there with the second end.

IPC 8 full level  
**B21D 5/14** (2006.01)

CPC (source: EP US)  
**B21D 5/08** (2013.01 - US); **B21D 5/14** (2013.01 - EP US); **B21D 11/08** (2013.01 - US)

Citation (examination)  
US 2010089114 A1 20100415 - BOLDRINI RINO LORENZO [IT]

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)  
**DE 102018113966 B3 20190801**; EP 3581291 A1 20191218; EP 3581291 B1 20230913; EP 3581291 C0 20230913; US 11548049 B2 20230110; US 2019374989 A1 20191212

DOCDB simple family (application)  
**DE 102018113966 A 20180612**; EP 19178287 A 20190604; US 201916439525 A 20190612