

Title (en)
Roll-bending machine with three rollers

Title (de)
Dreivalzen-Rundbiegemaschine

Title (fr)
Machine de cintrage à trois rouleaux

Publication
EP 2390017 B1 20150722 (DE)

Application
EP 10164147 A 20100527

Priority
EP 10164147 A 20100527

Abstract (en)
[origin: EP2390017A1] The machine has an upper roller (2) and two lower rollers (3), which are rotatably mounted in a machine frame (6). The upper roller and/or the lower rollers are motor-driven and hydraulically adjustable. The upper roller comprises two bearing ends that are mounted in respective homogeneous carriages (4, 5). Hydraulic cylinders (7, 10) are arranged in pairs laterally to the upper roller for adjusting the carriages. The hydraulic cylinders lay in a plane vertical to a roller axis, and are assigned to the respective carriages in a same distance from the roller axis.

IPC 8 full level
B21D 5/14 (2006.01)

CPC (source: EP)
B21D 5/14 (2013.01)

Cited by
CN102716947A; CN103071704A; CN105363845A; CN112091547A; CN105363842A; CN102672017A; CN105195565A; CN106140905A; CN111992599A; CN113976690A; CN103934322A; CN114393043A; CN106670274A; CN113458197A; ITTO20130081A1; CN107737822A; CN103920757A; CN105170725A; CN105363848A; CN102380528A; CN105344757A; CN105382060A

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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2390017 A1 20111130; EP 2390017 B1 20150722; PT 2390017 E 20151104

DOCDB simple family (application)
EP 10164147 A 20100527; PT 10164147 T 20100527