

Title (en)

Bending machine with two rolls and method of round bending plates

Title (de)

Zweiwalzen-Rundmaschine sowie Verfahren zum Runden von Blechen

Title (fr)

Machine à cintrer à deux rouleaux ainsi que procédé pour cintrer des tôles

Publication

EP 1197272 A3 20040114 (DE)

Application

EP 01122326 A 20010919

Priority

CH 20092000 A 20001012

Abstract (en)

[origin: EP1197272A2] Two roller rounding machine comprises an elastic guide roller (3, 5) and a rigid rounding roller (6). The rounding roller is impinged upon by at least one further elastic roller (8, 10, 11, 13). An Independent claim is also included for a method for rounding sheets to form tubular bodies using the two roller rounding machine by passing a sheet (20) at least twice between the guide roller and the rounding roller. Preferred Features: The further elastic roller is impinged upon by a rigid support roller (14).

IPC 1-7

B21D 5/14

IPC 8 full level

B21D 5/14 (2006.01)

CPC (source: EP US)

B21D 5/146 (2013.01 - EP US)

Citation (search report)

- [XAY] US 3899911 A 19750819 - OGIER PAUL, et al
- [Y] US 2719562 A 19551004 - BEEGLE RAYMOND E
- [A] DE 4236060 A1 19940428 - KLEINER MATTHIAS PRIV DOZ DR I [DE]

Cited by

CN105013894A; DE102008055780A1; WO2007140733A1; WO2018177876A1; EP2110191A1; US8424355B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1197272 A2 20020417; EP 1197272 A3 20040114; EP 1197272 B1 20060802; AT E334760 T1 20060815; DE 50110594 D1 20060914; ES 2269264 T3 20070401; US 2002043088 A1 20020418; US 6631631 B2 20031014

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