

Title (en)
BENDING MACHINE

Title (de)
BIEGEMASCHINE

Title (fr)
CINTREUSE

Publication
EP 1064110 A1 20010103 (DE)

Application
EP 00904892 A 20000111

Priority
• DE 19901797 A 19990119
• EP 0000124 W 20000111

Abstract (en)
[origin: US6427511B1] A bending machine for flat material, comprising a lower beam and an upper beam, with which the flat material can be fixed, a lower as well as an upper bending tool moving device, with which the bending tool not used for an operation on the flat material can be brought into a rest position, in which a bending space free from machine elements of the bending machine exists between the clamping plane and the bending tool located in the rest position and its bending tool carrier, this space extending over an angular area of at least 100° around the respectively operative bending edge.

IPC 1-7
B21D 5/04

IPC 8 full level
B21D 5/04 (2006.01)

CPC (source: EP US)
B21D 5/04 (2013.01 - EP US); **B21D 5/042** (2013.01 - EP US)

Cited by
US11612925B2; US8061175B2; EP2014381A2

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DOCDB simple family (publication)
US 6427511 B1 20020806; AT E239566 T1 20030515; CA 2324368 A1 20000727; DE 19901797 A1 20000727; DE 50002044 D1 20030612; DK 1064110 T3 20030825; EP 1064110 A1 20010103; EP 1064110 B1 20030507; ES 2198283 T3 20040201; JP 2002535144 A 20021022; PT 1064110 E 20030930; WO 0043140 A1 20000727

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US 66515200 A 20000919; AT 00904892 T 20000111; CA 2324368 A 20000111; DE 19901797 A 19990119; DE 50002044 T 20000111; DK 00904892 T 20000111; EP 0000124 W 20000111; EP 00904892 A 20000111; ES 00904892 T 20000111; JP 2000594589 A 20000111; PT 00904892 T 20000111