

Title (en)
TUBE BENDING MACHINE

Title (de)
VORRICHTUNG ZUM BIEGEN VON ROHREN

Title (fr)
MACHINE POUR LE CAMBRAGE DE TUBES

Publication
EP 1311356 B1 20050601 (FR)

Application
EP 01919545 A 20010322

Priority
• FR 0100873 W 20010322
• FR 0003706 A 20000323

Abstract (en)
[origin: US6782728B2] A machine for high rate serial bending of a tube includes a bending head provided with a radius block and a backing block including, at the periphery, a groove with a semicircular cross-section and a driver for the backing block in rotation coaxial to the radius block, so as to drive the tube to be bent and wind it on the radius block. The radius block includes a disc including a beveled panel arranged along a chord of the disc and it includes device for moving the bending head relative to the axis of the tube along a path passing through the pins of the radius block and the backing block and a device for axially rotating the radius block independently from the displacement of the backing block.

IPC 1-7
B21D 7/022

IPC 8 full level
B21D 7/022 (2006.01)

CPC (source: EP US)
B21D 7/022 (2013.01 - EP US)

Cited by
CN112372318A; CN102756024A; CN109482771A

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)
WO 0170425 A1 20010927; AT E296692 T1 20050615; AU 4662401 A 20011003; BR 0109486 A 20030610; DE 60111237 D1 20050707; DE 60111237 T2 20060316; EP 1311356 A1 20030521; EP 1311356 B1 20050601; ES 2243472 T3 20051201; FR 2806647 A1 20010928; FR 2806647 B1 20040611; US 2003037585 A1 20030227; US 6782728 B2 20040831

DOCDB simple family (application)
FR 0100873 W 20010322; AT 01919545 T 20010322; AU 4662401 A 20010322; BR 0109486 A 20010322; DE 60111237 T 20010322; EP 01919545 A 20010322; ES 01919545 T 20010322; FR 0003706 A 20000323; US 23926002 A 20020920