

Title (en)
TUBE ROLLING METHOD FOR THE INCREASE IN PERFORMANCE OF A COLD PILGER ROLLING MILL, AND DEVICE TO CARRY OUT THE METHOD

Publication
EP 0148806 B1 19871125 (FR)

Application
EP 85420002 A 19850103

Priority
FR 8400697 A 19840105

Abstract (en)
[origin: ES8703309A1] The method consists of a cold pilger mill to effect a recoil movement of the chuck upstream followed by a return to its original position, at least once per rolling cycle. The period during which the mandrel is withdrawn with respect to its rolling position is used advantageously for example to carry out the rotation of the mandrel and/or to cause a lubricant under pressure to circulate between the mandrel and the pipe. The method is applied particularly to the rolling of pipes with a large section, with high reduction rates.

IPC 1-7
B21B 21/00

IPC 8 full level
B21B 21/00 (2006.01); **B21B 21/04** (2006.01); **B21B 25/04** (2006.01)

CPC (source: EP US)
B21B 21/005 (2013.01 - EP US); **B21B 25/04** (2013.01 - EP US)

Cited by
FR2640892A1

Designated contracting state (EPC)
AT CH DE GB IT LI SE

DOCDB simple family (publication)
EP 0148806 A1 19850717; **EP 0148806 B1 19871125**; AT E31034 T1 19871215; BR 8500017 A 19850813; CA 1259828 A 19890926; DE 3561043 D1 19880107; ES 539330 A0 19870216; ES 8703309 A1 19870216; FR 2557819 A1 19850712; FR 2557819 B1 19860502; JP H0261842 B2 19901221; JP S60158905 A 19850820; US 4658617 A 19870421; US 4713955 A 19871222

DOCDB simple family (application)
EP 85420002 A 19850103; AT 85420002 T 19850103; BR 8500017 A 19850104; CA 471434 A 19850103; DE 3561043 T 19850103; ES 539330 A 19850103; FR 8400697 A 19840105; JP 28184284 A 19841228; US 68829885 A 19850102; US 92205786 A 19861022