

Title (en)
Universal rolling stand for forming tubes

Title (de)
Universalwalzgerüst zum Umformen von Rohren

Title (fr)
Cage de laminoir universel pour le formage de tubes

Publication
EP 0719601 B1 19990127 (DE)

Application
EP 95250300 A 19951207

Priority
DE 4447397 A 19941223

Abstract (en)
[origin: US5685188A] A universal mill stand for continuously forming tubes, especially in tube welding units, into round or profiled tubes. The mill stand has a housing from which the complete universal assemblies can be removed and exchanged for producing round tubes or for producing profiled tubes.

IPC 1-7
B21B 31/10

IPC 8 full level
B21B 13/10 (2006.01); **B21B 17/14** (2006.01); **B21B 31/08** (2006.01); **B21B 31/10** (2006.01); **B21B 31/20** (2006.01); **B21C 3/06** (2006.01); **B21C 37/083** (2006.01); **B21C 37/15** (2006.01); **B21D 5/12** (2006.01); **B21B 31/16** (2006.01)

CPC (source: EP US)
B21B 13/103 (2013.01 - EP US); **B21B 17/14** (2013.01 - EP US); **B21B 31/08** (2013.01 - EP US); **B21B 31/20** (2013.01 - EP US); **B21C 3/06** (2013.01 - EP US); **B21C 37/083** (2013.01 - EP US); **B21C 37/155** (2013.01 - EP US); **B21B 31/16** (2013.01 - EP US)

Cited by
WO0064606A1

Designated contracting state (EPC)
AT DE FR GB IT

DOCDB simple family (publication)
US 5685188 A 19971111; AT E176179 T1 19990215; DE 4447397 A1 19960627; DE 4447397 C2 20000921; DE 59504981 D1 19990311; EP 0719601 A1 19960703; EP 0719601 B1 19990127; JP 3841864 B2 20061108; JP H08238504 A 19960917

DOCDB simple family (application)
US 57575995 A 19951222; AT 95250300 T 19951207; DE 4447397 A 19941223; DE 59504981 T 19951207; EP 95250300 A 19951207; JP 35016595 A 19951222