

Title (en)  
COLD PILGER MILL

Publication  
**EP 0144480 B1 19880601 (EN)**

Application  
**EP 83402403 A 19831213**

Priority  
EP 83402403 A 19831213

Abstract (en)  
[origin: EP0144480A1] A cold pilger mill including a rolling mechanism for intermittently rolling a tubular material over a mandrel to a reduced-diameter pipe. A detector (74) is associated with the rolling mechanism for detecting the rolling phase in the rolling mechanism. A feeding mechanism (42) for feeding the material in the axial direction and a turning mechanism (64, 68, 70) for turning the material and the mandrel are respectively provided with their own motors (76, 78, 80, 82). A controller (72) is also provided to receive a signal from the detector (74) and supply operation signals to the respective motors (76, 78, 80, 82) of the feeding mechanism (42) and the turning mechanism (64, 68, 70) so that these mechanisms are operated at completion of each rolling stroke.

IPC 1-7  
**B21B 21/00**

IPC 8 full level  
**B21B 21/00** (2006.01); **B21B 21/06** (2006.01)

CPC (source: EP)  
**B21B 21/005** (2013.01); **B21B 21/065** (2013.01)

Cited by  
EP0859369A1; FR2759483A1; US5946365A; US6411668B1; US6718811B2

Designated contracting state (EPC)  
DE FR GB SE

DOCDB simple family (publication)  
**EP 0144480 A1 19850619; EP 0144480 B1 19880601; DE 3376806 D1 19880707**

DOCDB simple family (application)  
**EP 83402403 A 19831213; DE 3376806 T 19831213**