

Title (en)

PROCESS AND DEVICE FOR PRODUCING A STEEL TUBE WITHOUT WELDING JOINT BY HOT-ROLLING ON A MANDREL

Publication

**EP 0029786 B1 19830706 (FR)**

Application

**EP 80401672 A 19801121**

Priority

FR 7928700 A 19791121

Abstract (en)

[origin: US4375160A] In the manufacture of seamless steel tube by hot-rolling a tube blank on a mandrel in a continuous rolling mill, the tube is withdrawn from the mandrel and reduced by reducing roll stands downstream of and in alignment with the rolling mill which operate on the part of the tube withdrawn from the mandrel. The mandrel is advanced through the rolling mill at a controlled speed and is not released until the reduction of the tube has been completed. The reducing roll stands are then opened and the released mandrel follows the tube through the stands but without contacting the rolls.

IPC 1-7

**B21B 17/04**; **B21B 17/14**

IPC 8 full level

**B21B 17/02** (2006.01); **B21B 17/04** (2006.01); **B21B 17/14** (2006.01); **B21B 23/00** (2006.01); **B21C 45/00** (2006.01)

CPC (source: EP US)

**B21B 17/04** (2013.01 - EP US); **B21B 17/14** (2013.01 - EP US); **B21C 45/00** (2013.01 - EP US)

Cited by

US4902693A

Designated contracting state (EPC)

AT GB SE

DOCDB simple family (publication)

**EP 0029786 A1 19810603**; **EP 0029786 B1 19830706**; AT E4028 T1 19830715; CA 1164251 A 19840327; DE 3043679 A1 19810604; DE 3043679 C2 19890406; FR 2469962 A1 19810529; FR 2469962 B1 19831104; IT 1154896 B 19870121; IT 8009597 A0 19801119; IT 8009597 A1 19820519; JP S56141902 A 19811105; JP S6111682 B2 19860404; US 4375160 A 19830301

DOCDB simple family (application)

**EP 80401672 A 19801121**; AT 80401672 T 19801121; CA 365217 A 19801121; DE 3043679 A 19801119; FR 7928700 A 19791121; IT 0959780 A 19801119; IT 959780 A 19801119; JP 16209480 A 19801119; US 20844880 A 19801119