

Title (en)
Wire cooling

Title (de)
 Drahtkühlung

Title (fr)
Refroidissement de fil

Publication
EP 0845310 B1 20030716 (DE)

Application
EP 97119944 A 19971114

Priority
DE 19649022 A 19961127

Abstract (en)
[origin: US5907967A] In the continuous rolling of wire from a heated billet in a continuous wire-rod mill in which the rolled product passes through the rolling stand of a roughing line and an intermediate line, the finish rolling is effected in at least one finish rolling line having double rolling stands with respective pairs of horizontal and vertical rolls. The double stands or units are spaced apart and along a portion of the spacing between them, rolling stretches are provided.

IPC 1-7
B21B 45/02; **B21B 1/18**

IPC 8 full level
B21B 1/18 (2006.01); **B21B 45/02** (2006.01); **C21D 8/06** (2006.01); **C21D 7/13** (2006.01)

CPC (source: EP US)
B21B 1/18 (2013.01 - EP US); **C21D 8/06** (2013.01 - EP US); **B21B 45/0224** (2013.01 - EP US); **C21D 7/13** (2013.01 - EP US)

Designated contracting state (EPC)
AT DE GB IT SE

DOCDB simple family (publication)
US 5907967 A 19990601; AT E245059 T1 20030815; DE 19649022 A1 19980528; DE 59710439 D1 20030821; EP 0845310 A1 19980603; EP 0845310 B1 20030716

DOCDB simple family (application)
US 97996797 A 19971126; AT 97119944 T 19971114; DE 19649022 A 19961127; DE 59710439 T 19971114; EP 97119944 A 19971114