

Title (en)
Apparatus for rolling wire

Title (de)
Anlage zum Walzen von Draht

Title (fr)
Installation pour laminier du fil

Publication
EP 0603707 B1 19961106 (DE)

Application
EP 93120108 A 19931214

Priority
DE 4244176 A 19921224

Abstract (en)
[origin: EP0603707A1] An apparatus for rolling wire with subsequent cooling of the wire, which is, in particular, composed of high-grade steel, allows variation in the use of cooling sections if wire cooling sections (9, 12) for standard or forced cooling, delayed cooling and slow cooling interconnected by conveying means (15, 16, 17; 13, 14, 15; 26) are arranged at the outlet of the finishing trains (2; 3) for thin and thick wire. <IMAGE>

IPC 1-7
B21B 1/16; **B21B 45/02**; **B21C 47/26**

IPC 8 full level
B21B 1/16 (2006.01); **B21B 1/18** (2006.01); **B21B 39/00** (2006.01); **B21B 45/02** (2006.01); **B21C 47/26** (2006.01); **C21D 9/573** (2006.01); **B21B 15/00** (2006.01)

CPC (source: EP)
B21B 1/18 (2013.01); **B21C 47/262** (2013.01); **C21D 9/5732** (2013.01); **B21B 2015/0057** (2013.01)

Cited by
EP0862954A1; EP0876856A3; EP0707082A1; US5665303A; EP0788845A1; US5862699A

Designated contracting state (EPC)
DE GB IT SE

DOCDB simple family (publication)
EP 0603707 A1 19940629; **EP 0603707 B1 19961106**; DE 4244176 A1 19940630; DE 59304418 D1 19961212; JP 3322972 B2 20020909; JP H06226324 A 19940816

DOCDB simple family (application)
EP 93120108 A 19931214; DE 4244176 A 19921224; DE 59304418 T 19931214; JP 32445193 A 19931222