

Title (en)
Apparatus for cooling wire rods.

Title (de)
Kühleinrichtung für Walzdraht.

Title (fr)
Dispositif pour refroidir des fils laminés.

Publication
EP 0432531 B1 19940817 (DE)

Application
EP 90122275 A 19901122

Priority
DE 3940735 A 19891209

Abstract (en)
[origin: EP0432531A1] For the purpose of permanently centric deposition of the wire turns on the cooling and transfer system 3 in a cooling apparatus for the controlled cooling of a finish-rolled wire from the rolling temperature, in particular one consisting of a cooling device 1, e.g. water ramps, arranged behind the finishing stand, a loop layer 2 for the wire and a cooling and transfer system 3 for the spread wire turns 8, it is proposed that a pivotable and/or displaceable loop feeder 11 be arranged between the loop layer 2 and the cooling and transfer system 3. <IMAGE>

IPC 1-7
C21D 9/573

IPC 8 full level
B21C 47/26 (2006.01); **C21D 9/573** (2006.01)

CPC (source: EP US)
B21C 47/262 (2013.01 - EP US); **C21D 9/5732** (2013.01 - EP US)

Cited by
EP0974407A3; US6161787A; EP0911092A3; EP0642850A1; US5423200A; EP0930108A3; CN102965489A

Designated contracting state (EPC)
AT DE GB IT SE

DOCDB simple family (publication)
EP 0432531 A1 19910619; EP 0432531 B1 19940817; AT E110117 T1 19940915; DE 3940735 A1 19910613; DE 59006834 D1 19940922; JP H03236423 A 19911022; US 5079937 A 19920114

DOCDB simple family (application)
EP 90122275 A 19901122; AT 90122275 T 19901122; DE 3940735 A 19891209; DE 59006834 T 19901122; JP 30897190 A 19901116; US 62497890 A 19901210