Title (en)

Installation for heat treating steel wires

Title (de)

Einrichtung zur Warmbehandlung von Stahldraht

Title (fr)

Installation de traitement thermique de fils d'acier

Publication

EP 0707082 B1 20000209 (DE)

Application

EP 95115116 A 19950926

Priority

DE 4436712 A 19941014

Abstract (en)

[origin: EP0707082A1] The appts. for heat-treating steel wire after it has been rolled consists of a winding unit (WL) which forms the wire into overlapping coil shapes on a transporter bank (HF); as it moves along the band it is heat treated before being coiled (WS1). A second coiling unit (WS2) can be moved in to replace part of the band (HF). The coiled wire on this unit is then moved along the band (QF1) and fed to either a cooling water bath (5) or a coil heat treating bath (6).

IPC 1-7

C21D 9/573; B21C 47/26

IPC 8 full level

B21C 47/14 (2006.01); **B21C 47/24** (2006.01); **B21C 47/26** (2006.01); **C21D 1/00** (2006.01); **C21D 9/52** (2006.01); **C21D 9/573** (2006.01)

CPC (source: EP KR US)

B21C 47/26 (2013.01 - EP US); **C21D 8/06** (2013.01 - KR); **C21D 9/562** (2013.01 - KR); **C21D 9/5732** (2013.01 - EP US)

Cited by

EP0862954A1; EP1880777A1; US6634073B1; WO0071274A1

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AT DE ES GB IT SE

DOCDB simple family (publication)

EP 0707082 A1 19960417; **EP 0707082 B1 20000209**; AT E189705 T1 20000215; DE 4436712 A1 19960418; DE 59507776 D1 20000316; ES 2142435 T3 20000416; JP H08193222 A 19960730; KR 960014372 A 19960522; TW 355187 B 19990401; US 5665303 A 19970909

DOCDB simple family (application)

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