

Title (en)

Water cooling line for the cooling of wire rods or of small sections

Title (de)

Wasserkühlstrecke für die Kühlung von Walzdraht oder Feinstahl

Title (fr)

Ligne de refroidissement par eau pour le refroidissement de fils laminés ou de petits fers

Publication

EP 1197271 B1 20061220 (DE)

Application

EP 01122812 A 20010922

Priority

- DE 10050952 A 20001013
- DE 10104896 A 20010203

Abstract (en)

[origin: EP1197271A2] Water cooling line has inlet and outlet ends of single pipe sections (KRA) of a cooling tube arrangement opening out into water tank modules (WKMa, WKMb, WKMc, WKMd) which are commonly arranged on a water feed pipe (WZR) forming a horizontal support. Preferred Features: Adjusting elements are arranged in the water tank modules to adjust the cooling head nozzle elements and blowing nozzle elements. The water tank modules have a tilting and locking cover.

IPC 8 full level

B21B 43/00 (2006.01); **B21B 45/02** (2006.01)

CPC (source: EP KR US)

B21B 43/00 (2013.01 - KR); **B21B 45/0224** (2013.01 - EP US)

Cited by

CN105772519A; WO2013048766A1

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1197271 A2 20020417; **EP 1197271 A3 20041117**; **EP 1197271 B1 20061220**; AT E348672 T1 20070115; DE 50111674 D1 20070201; ES 2278669 T3 20070816; KR 20020029620 A 20020419; TW 499336 B 20020821; US 2002074699 A1 20020620

DOCDB simple family (application)

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