

## Title (en)

DEVICE FOR THE CONTROLLED COOLING OF WIRE AT ROLLING TEMPERATURE

## Publication

**EP 0058324 B1 19840926 (DE)**

## Application

**EP 82100662 A 19820130**

## Priority

DE 3105492 A 19810214

## Abstract (en)

[origin: ES8301127A1] Apparatus for cooling rolled wire rod consists of a first part which guides the wire rectilinearly and cools it with water, a turn-laying unit which forms the wire into turns and lays the turns in staggered disposition on a continuously running conveyor, and a second part comprising the conveyor which allows passage of an approximately vertically directed stream of air to the turns and conveys the wire turns to a coil forming station which collects them. In order to provide substantial adaptability to various cooling requirements by means of simple and inexpensive conversion, the two parts are composed of a plurality of modules of the same modular length or an integral multiple of the modular length. A base frame carries the modules and the turn-laying unit is fixed on the base frame in a longitudinally displaceable manner. Thus, the lengths of the first and second parts can be changed, and individual modules or groups can be replaced.

## IPC 1-7

**B21B 45/02**; **C21D 9/573**; **B21C 47/26**

## IPC 8 full level

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## Citation (examination)

- DE 1508443 C
- DE 1752519 C
- DE 2714019 C3 19800807
- DE 2009839 A1 19700924
- DE 2150609 A1 19720525 - MORGAN CONSTRUCTION CO
- DE 2546589 A1 19760429 - MORGAN CONSTRUCTION CO

## Cited by

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