

Title (en)
DEVICE FOR COOLING STEEL WIRE SPIRALS IN THE ROLLING HEAT

Publication
EP 0069616 B1 19841212 (FR)

Application
EP 82401083 A 19820615

Priority
FR 8112456 A 19810622

Abstract (en)
[origin: EP0069616A1] 1. A device for high-speed cooling of steel-wire turns (6) in the heat of a hot-rolling mill, of the type comprising a conveyor consisting of a number of air-blast boxes (1) the upper wall of which is provided with middle (5) and side openings (3), (4) called "louvres" through which air is blown onto the wire turns (6) which move above the upper wall (2), the forward portion, in relation to the direction of motion of the turns of each said louvre including a "baffle plate" (9), sloping towards the inside of the air box (1) and also to the rear portion of the louvre, a device characterized in that, at least for some of the louvres, the angle of slope (alpha) of the baffle plate (9), in relation to the upper wall (2) of the air box (1) is less than 20 degrees and that said baffle plate (9) is extended by a shorter portion (10) which is parallel with the upper wall (2) of the air box (1), so as to delimit the blown-air flow area (11).

IPC 1-7
B21B 45/02; **C21D 9/573**; **B21C 47/26**

IPC 8 full level
B21B 45/02 (2006.01); **B21C 47/26** (2006.01); **C21D 9/573** (2006.01)

CPC (source: EP)
B21B 45/0203 (2013.01); **B21C 47/262** (2013.01); **C21D 9/5732** (2013.01)

Cited by
EP0143488A3; EP0178799A3; EP0359279A3

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EP 0069616 A1 19830112; **EP 0069616 B1 19841212**; DE 3261534 D1 19850124; FR 2507930 A1 19821224; FR 2507930 B1 19831110

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