

Title (en)

WIRE COOLING DEVICE FOR WIRE DRAWING MACHINE

Publication

EP 0116498 B1 19860910 (FR)

Application

EP 84400173 A 19840126

Priority

FR 8301598 A 19830202

Abstract (en)

[origin: ES8407299A1] A wire cooling system for use in a wire drawing machine includes a capstan around the periphery of which is wound the wire to be drawn, thereby forming a jacket. A plurality of ports are formed in the capstan and open onto the periphery thereof. Cooling liquid is supplied to a first port and thereby passes through a space of the periphery of the capstan and the turns of the wire forming the jacket, thus cooling the wire. Compressed gas is supplied to a second port, thereby draining and recovering the cooling liquid. Compressed gas is supplied to a third port spaced axially of the first port, thereby controlling the circulation of the cooling liquid through the space.

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