

Title (en)

METHOD OF MANUFACTURING ROLLED WIRE HAVING A GOOD COLD WORKABILITY

Publication

EP 0132252 B1 19861230 (DE)

Application

EP 84890127 A 19840710

Priority

AT 255883 A 19830713

Abstract (en)

[origin: EP0132252A1] 1. Method for producing rolled wire having a good coldworkability in which for obtaining soft drawing qualities a wire rod of a steel of the composition : 0.003 to 0.20 % by weight C 0.001 to 0.40 % by weight Si 0.15 to 0.65 % by weight Mn 0.001 to 0.10 % by weight Al 0.001 to 0.035 % by weight P 0.001 to 0.035 % by weight S 0.001 to 1.5 % by weight Cr 0.001 to 2.0 % by weight Ni 0.001 to 2.5 % by weight Mo 0.001 to 0.5 % by weight V 0.001 to 0.5 % by weight Ti 0.000 1 to 0.03 % by weight B 0.001 to 0.5 % by weight Zr remainder iron and usual contaminations, is, starting from a final rolling temperature of 950 to 1 100 degrees C first subjected to cooling with water and air down to a temperature of above 900 to 1 050 degrees C and is then, in the form of spread-out or overlapping flat rings, slowly cooled at a speed of less than 4 degrees C/s down to temperature within the range of 200 to 350 degrees C.

IPC 1-7

C21D 9/52; **B21B 45/02**; **C22C 38/06**

IPC 8 full level

C21D 8/06 (2006.01); **C22C 38/06** (2006.01)

CPC (source: EP)

C21D 8/06 (2013.01); **C22C 38/06** (2013.01)

Cited by

EP0247415A3; EP1261748A4; EP0523375A3; FR2790009A1; WO2005024072A1

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EP 84890127 A 19840710; AT 255883 A 19830713; DE 3461833 T 19840710; ES 533106 A 19840604; FI 842809 A 19840712