

Title (en)
PROCESS AND PLANT FOR CONTINUOUSLY MANUFACTURING A STEEL WIRE

Title (de)
VERFAHREN UND ANLAGE ZUR KONTINUIERLICHEN HERSTELLUNG EINES STAHLDRAHTES

Title (fr)
PROCÉDÉ ET INSTALLATION DE FABRICATION EN CONTINU UN FIL D'ACIER

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Application
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Abstract (en)
[origin: WO2012085651A1] The process for manufacturing a steel wire comprises: providing a steel wire; austenitizing said steel wire; patenting said steel wire; drawing said steel wire. The patenting of said steel wire comprises: slow cooling said steel wire to a first predetermined temperature; quick cooling the steel wire to a second predetermined temperature; keeping said steel wire at said second predetermined temperature. During the slow cooling, the steel wire substantially keeps its austenite structure unaltered; with the subsequent quick cooling, the steel wire is taken to the best conditions in order to start the phase change in which the austenite structure is transformed into a pearlite structure.

IPC 8 full level
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