

Title (en)

RAIL AND METHOD FOR MANUFACTURING SAME

Title (de)

SCHIENE UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

RAIL ET SON PROCÉDÉ DE FABRICATION

Publication

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Application

EP 22779522 A 20220204

Priority

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Abstract (en)

An object is to provide a method for manufacturing a high-hardness and high-quality rail through a simple cooling process even in the presence of temperature variations in the longitudinal direction of the rail before the start of cooling. A rail manufacturing method includes a step of accelerated cooling a rail having a temperature equal to or higher than an austenite region temperature. In the rail manufacturing method, austenite represents a portion of a region from a cooled surface of a rail head to a depth of 5 mm at the end of accelerated cooling, and the temperature of a rail head surface at the completion of heat recuperation after the end of accelerated cooling is in a pearlite transformation temperature range.

IPC 8 full level

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