

Title (en)

Method of longitudinal rolling seamless pipes.

Title (de)

Verfahren zum Längswalzen nahtloser Rohre.

Title (fr)

Procédé de laminage longitudinal de tubes sans soudure.

Publication

EP 0542387 B1 19940921 (DE)

Application

EP 92250328 A 19921110

Priority

DE 4138178 A 19911115

Abstract (en)

[origin: EP0542387A1] The invention relates to a method for the longitudinal rolling of seamless steel pipes (8) in a continuous rolling operation via an internal tool (2) in a multi-stand roll train, the rolls of the successive roll stands being installed offset relative to one another. In order to specify a method in which elongation sufficient to allow the production of double lengths of pipe with the minimum number of roll stands can be achieved, it is proposed that, in a first pass of just two successive rolling passes, a reduction in the wall thickness corresponding to or slightly less than the wall thickness of the finished pipe be made in the base (6) of the roll groove with the flanks (5) of the roll groove open, that, in the second roll pass, the flank region of the first roll pass be reduced in the transverse direction to the wall thickness of the finished pipe in the base of the roll groove of the second rolling pass, the circumferential enlargement of the tube due to the widening being reduced by stretching the pipe along its longitudinal axis without a reduction in wall thickness or with a slight reduction in wall thickness, by the simultaneous application of a controlled tensile force on the pipe between the two rolling passes. <IMAGE>

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