

Title (en)

METHOD OF MANUFACTURING A WELDED STEEL PIPE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES GESCHWEISSTEN STAHLROHRS

Title (fr)

PROCÉDÉ DE FABRICATION DE TUYAU EN ACIER SOUDÉ

Publication

EP 3006128 B1 20181024 (EN)

Application

EP 13885748 A 20130529

Priority

JP 2013064852 W 20130529

Abstract (en)

[origin: EP3006128A1] In a method of manufacturing a welded steel pipe using a press bending method of performing three-point bending press forming on a raw material steel plate by a pair of dies disposed in a steel plate feeding direction at a predetermined gap, and a punch configured to press the steel plate between the pair of dies to form an open pipe and then welding the open pipe to manufacture a steel pipe, when the open pipe is formed such that after performing first half press forming from one width end portion of the steel plate toward a width center (provided, leaving the width center unpressed), second half press forming is performed from a width end portion of an opposite side toward the width center (provided, leaving the width center unpressed), and the width center is finally subjected to final press forming to form an open pipe, the steel pipe supported on the dies of the steel plate width center side is assumed to be a non-formed portion in a final pass of the second half press forming, thereby manufacturing the open pipe in which the amount of offset of a welded part is small.

IPC 8 full level

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CPC (source: EP RU)

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Cited by

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