

Title (en)

A method for forming an electric resistance welded steel pipe.

Title (de)

Verfahren zur Formung eines widerstandsgeschweissten Stahlrohres.

Title (fr)

Procédé pour le façonnage d'un tube d'acier par soudage à résistance.

Publication

EP 0133245 A2 19850220 (EN)

Application

EP 84108542 A 19840719

Priority

- IN 376CA1989 A 19890515
- JP 13193883 A 19830721

Abstract (en)

The invention provides an improvement in the method of forming a skelp into a rounded tubular form in the preparation of an electric resistance welded steel pipe. Different from conventional methods, the skelp is bent in the initial and intermediate forming stages within a limited region alone along the centerline thereof to have a U-shaped forming flower. Thereafter, the edge portions of the bent skelp are bent in the upstream fin pass rolls to have a curvature of at least 80% of the final curvature with simultaneous overbending in the boundary regions on both sides of the side portions of the rounded skelp. Finally, the rounded skelp is pressed down in the direction to decrease the vertical diameter to bulge out in the transverse direction with simultaneous unbending the overbent portions into the final curvature.

IPC 1-7

B21D 5/12; B21C 37/08

IPC 8 full level

B21C 37/08 (2006.01); **B21D 5/12** (2006.01)

CPC (source: EP)

B21C 37/08 (2013.01); **B21D 5/12** (2013.01)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0133245 A2 19850220; EP 0133245 A3 19850724; EP 0133245 B1 19880928; IN 172377 B 19930710; JP H0372366 B2 19911118; JP S6024220 A 19850206

DOCDB simple family (application)

EP 84108542 A 19840719; IN 376CA1989 A 19890515; JP 13193883 A 19830721