

Title (en)

Method and apparatus for rolling plate to form a substantially cylindrical article.

Title (de)

Verfahren und Apparat zum Walzen von Blech zum Herstellen eines im wesentlichen zylindrischen Gegenstandes.

Title (fr)

Procédé et dispositif pour le cintrage arrondi de tôle d'un article essentiellement cylindrique.

Publication

**EP 0029345 A2 19810527 (EN)**

Application

**EP 80304061 A 19801113**

Priority

AU PE134279 A 19791115

Abstract (en)

Plate is rolled to form a substantially cylindrical article on apparatus comprising a support bed for the plate (13), a rotatable mandrel (20) with a gripper (36) for engaging an edge of the plate (13), and pressure rollers (17, 18) adjacent the mandrel (20) to engage said plate. An edge of the plate (13) is engaged by gripper (36) and the mandrel (20) is rotated to advance the plate (13) past said pressure rollers (17, 18) to curve the plate into a cylinder shape, the mandrel (20) and said pressure rollers (17, 18) are relatively movable to create a force on the advancing plate (13) at least during the final stages of rolling to prevent relative movement of the plate (13) and mandrel (20).

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Cited by

GB2291609A; EP0182868A4; ITMI20111382A1; CN111318596A; ITMI20091174A1; CN105013890A; ITMI20111384A1; CN104690431A; EP0049079A1; ITMI20111380A1; WO2011001279A1; WO9422608A1; TWI610778B

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