

Title (en)

Method and device for the semiautomatic fabrication of reservoirs and casings

Title (de)

Verfahren und Vorrichtung zur halbautomatischen Herstellung von Speichern und Mänteln

Title (fr)

Procédé et dispositif de réalisation semi-automatique de réservoirs et de viroles

Publication

**EP 0727264 B1 19980422 (FR)**

Application

**EP 96400137 A 19960122**

Priority

FR 9502080 A 19950217

Abstract (en)

[origin: EP0727264A1] The procedure involves taking sheet steel from a roll (40), forming it into a first cylinder, fitting a cover onto the cylinder's upper end, lifting the assembly to a height corresponding to that of the steel sheet, forming a second cylinder beneath the first, and joining the two together before fastening to a base of appropriate diameter. Each cylinder is made by rolling the steel sheet as it is unwound from the roll, monitoring its curvature to produce a cylinder of the required diameter. As the steel sheet leaves the roll it is passed between a pair of driven rollers (31,32), one fixed and the other moved by a power cylinder (34), past a third moving roller (33) controlled by a power cylinder (35) to adjust the curvature of the steel sheet. The cylinder (35) is linked to a detector (50) and code wheel (60) which measure the sheet's curvature. After rolling into a cylinder the sheet is cut vertically and the ends welded together.

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IPC 8 full level

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