

Title (en)

Arrangement for laying a wire in circular windings.

Title (de)

Einrichtung zum Legen eines Drahtes in kreisförmige Windungen.

Title (fr)

Dispositif pour poser un fil métallique en tours circulaires.

Publication

EP 0487496 B1 19950405 (DE)

Application

EP 91890284 A 19911118

Priority

AT 234790 A 19901120

Abstract (en)

[origin: JPH0592205A] PURPOSE: To lay a winding wire formed from a laying bed with a small pitch without being affected by the elasticity caused by the material property and the diameter of the wire by a twisting forming device of a curving pipe for twisting the wire under positive locking and frictional engagement. CONSTITUTION: A roller table 23 is arranged at the rear part of a laying pipe 14 in the conveying direction of the wire 1 and the winding wire 24 is laid on the roller table 23. The wire 1 is cooled on this roller table 23 and conveyed to a coil forming chamber successively disposed. The twisting device 5 disposed at upstream side of the laying pipe 14 is rotated at the pre-selected angular velocity so that the wire coming in the laying pipe 14 already has a prescribed twist. In this way, the twist work added to the wire 1 as the whole body is increased so that the winding wire can be laid in the mutually approaching state, i.e., the pitch of spiral formed with the winding wire 24 is a very small and thus, the conveying on the roller table and the following formation into a coil can easily be executed.

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B21C 47/14

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