

Title (en)
STRANDING MACHINE

Title (de)
VERLITZMASCHINE

Title (fr)
MACHINE À TORONNER

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Application
EP 16703941 A 20160203

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Abstract (en)
[origin: WO2016124638A1] In a first embodiment, the invention relates to a stranding machine (1) for wires having two wrap-around rollers (3, 4) having wrap-around tracks (51,..., 55; 61,..., 64) arranged on the circumference thereof, whereby the wire (2) can be guided in such a way that the wire runs through the first and second wrap-around tracks (51,..., 55; 61,... 64) preferably in alternation in preferably 8-shaped or 0-shaped wraps. In a second embodiment, the stranding machine (1) has a winding device (8) for winding the wire (2) onto a reel having a laying device (15) that can be moved along a movement axis parallel to the reel axis and having a plurality of rotatably supported deflecting rollers (9 to 13), whereby the wire (2) can be guided in such a way that the wire runs onto and/or from each of the deflecting rollers (9 to 13) substantially in the plane of rotation of the deflecting roller. In this way, the produced wire (2) has lower twist and lower torsional stresses, which makes the further processing of the wire, in particular the winding, assembly, crimping, and extrusion of a plastic insulation around the wire easier and which increases the number of possible bending reversal cycles.

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