

Title (en)

An apparatus for winding of wire with variable hydrostatic transmission

Title (de)

Aufwickelvorrichtung für Draht mit einem regelbaren hydrostatischen Getriebe

Title (fr)

Appareil pour l'enroulement de fil métallique avec transmission hydrostatique réglable

Publication

**EP 0715017 B1 20010404 (EN)**

Application

**EP 95610055 A 19951116**

Priority

DK 130994 A 19941116

Abstract (en)

[origin: EP0715017A1] The invention concerns an apparatus for twisting and winding a wire (1) onto a spool (6) and comprising at least one externally driven swing arm shaft to which outwardly directed arms (3, 10) are secured for guiding and twisting the wire (1). The apparatus moreover comprises a suspended cradle (20) which comprises a wire spool (6) onto which the wire (1) is wound by means of a traversing mechanism (5). The wire spool (6) is driven via a hydrostatic transmission arranged in the cradle (20) and comprising a hydraulic motor (17) and a pump (14) which are driven by the swing arm shaft. The hydrostatic transmission of the apparatus is adapted to perform variable displacement of the hydrostatic medium. This ensures that the displacement of the hydrostatic medium can be regulated, thereby avoiding unnecessary generation of heat and providing controlled tension of the wire. <IMAGE>

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