

Title (en)
DEVICE FOR FORMING WIRE WINDINGS

Publication
EP 0346666 A3 19900725 (DE)

Application
EP 89109579 A 19890527

Priority
DE 3819981 A 19880611

Abstract (en)
[origin: EP0346666A2] The invention relates to a device for forming or coiling roll-hot, rod-shaped small sections and wire in small-section and rod mills, in particular for forming windings for wire of thick dimensions, i.e. wire with a diameter of greater than 20 mm, using a pouring reel or laying head having a three-dimensionally curved guide tube, an oscillating receptacle (20) for receiving the wire windings (2) discharged from the laying head (10) or the guide tube (11) being arranged below the laying head (10) or the guide tube (11). The axis of rotation (12) of the laying head (10) is inclined at between 15 and 90 degrees from the vertical. Arranged below the oscillating receptacle (20) are radially engaging support arms (21) and a station (3) for collecting the wire windings (2) around a collecting mandril (22) to form of wire coils (4) and for their cooling or temperature-maintenance and removal.

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IPC 8 full level
B65H 54/80 (2006.01); **B21C 47/10** (2006.01); **B21C 47/14** (2006.01); **B65H 55/00** (2006.01); **G01N 33/558** (2006.01)

CPC (source: EP)
B21C 47/14 (2013.01); **B21C 47/143** (2013.01)

Citation (search report)
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