

Title (en)
COIL LAYING HEAD

Title (de)
SPULENSCHICHTKOPF

Title (fr)
TÊTE DE POSE DE BOBINE

Publication
EP 2931450 B1 20170322 (EN)

Application
EP 13820979 A 20131209

Priority
• IT MI20122100 A 20121210
• IB 2013060746 W 20131209

Abstract (en)
[origin: WO2014091390A1] A coil laying head, defining an axis (X), comprising a rotor (1) adapted to rotate about said axis and rotatably fixed to a supporting structure (3), wherein the rotor (1) comprises a bell-shaped member (6), which is expanded outwards with respect to said axis and defines an outer surface thereof provided with at least one spiral- shaped groove, for guiding the metal product, wherein feeding means (5) of the metal product to said at least one groove are provided, wherein said bell-shaped member (6) consists of at least three stages arranged joined and in sequence along the longitudinal axis (X) so that the outer surfaces thereof, provided with spiral-shaped grooves, jointly define said outer surface of the member (6), and wherein each stage is provided with a number of spiral-shaped grooves different from the number of spiral-shaped grooves of the adjacent stage, the group of the numbers of spiral-shaped grooves of each stage having a greatest common divisor equal to the number of spiral-shaped grooves (7'), named first number, of a first end stage (7) of the hollow insert (6), proximal to said feeding means (5).

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