

Title (en)
TWISTING HEAD ROTOR

Title (de)
ZWIRNKOPFROTOR

Title (fr)
ROTOR À TÊTE DE RETORDAGE

Publication
EP 3257982 B1 20190703 (DE)

Application
EP 17171028 A 20170515

Previously filed application
102016006832 20160602 DE

Priority
DE 102016006832 A 20160602

Abstract (en)
[origin: US2017350041A1] A yarn head rotor 1 for a cabling machine, comprising several deflection rollers 2 for evening the yarn tension of two yarns being twisted, each deflection roller being rotatably mounted on a pivot axis 5 at right angles to the rotor axis of the yarn head rotor 1 and guided across the two yarns. The deflection roller 2 is mounted in the yarn head rotor 1 by bearings 6 at both ends of the deflection roller 2, wherein the two ball bearings 6 are each enclosed by a housing 7 of the yarn head rotor 1, which is closed with a cover 8, and yarn guiding eyelets 9, guiding the inner and outer yarns 17, are arranged upstream of the deflection roller 2 in such a way that they supply both yarns of the deflection roller between the two ball bearings 6 to the yarn head rotor 1.

IPC 8 full level
D01H 7/86 (2006.01); **D01H 1/10** (2006.01); **D02G 3/28** (2006.01)

CPC (source: CN EP KR US)
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D02G 3/285 (2013.01 - CN EP US); **D04H 1/10** (2013.01 - KR)

Citation (examination)
• CN 202380159 U 20120815 - ZHANGJIAGANG PANFENG TECHNOLOGY CO LTD
• CN 204311177 U 20150506 - ZHEJIANG RIFA TEXTILE MACH CO

Designated contracting state (EPC)
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DE 102016006832 A1 20171207; ES 2746356 T3 20200305; HU E046093 T2 20200228; KR 102297263 B1 20210903;
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