Title (en)

MOTOR-OPERATED CONVEYING ROLLER HAVING HALL SENSOR SIGNAL CODING

Title (de)

MOTORBETRIEBENE FÖRDERROLLE MIT HALLSENSORSIGNALKODIERUNG

Title (fr)

ROULEAU DE TRANSPORT MOTORISE A CODAGE DE SIGNAUX DE CAPTEUR A EFFET HALL

Publication

EP 3000170 A2 20160330 (DE)

Application

EP 14727448 A 20140522

Priority

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- EP 2014060507 W 20140522

Abstract (en)

[origin: WO2014187887A2] The invention relates to a motor-operated conveying roller, comprising: an electric drive motor arranged inside a roller body; an electronic commutation unit having an angle-measuring unit with at least two, preferably three position sensors, which are designed to detect an angular position of an actuator in relation to a stator of the drive motor in order to output an angular position signal; and motor control electronics, which are connected to the angle-measuring unit for signal transmission by means of a signal line, wherein each position sensor is arranged in a signal line path, the signal line paths are connected in parallel with one another and are connected to the signal line, and, when the angular position signal is triggered, each signal line path assumes an electrical property that is different from the electrical property when the angular position signal is triggered in one of the other signal line paths.

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CPC (source: EP)

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Citation (search report)

See references of WO 2014187887A2

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