

Title (en)

ROLLER PAIR, MEASURING DEVICE, PRODUCT-PROCESSING INSTALLATION, AND METHOD

Title (de)

WALZENPAARUNG, MESSEINRICHTUNG, PRODUKTVERARBEITUNGSANLAGE UND VERFAHREN

Title (fr)

PAIRE DE ROULEAUX, DISPOSITIF DE MESURE, INSTALLATION DE TRAITEMENT DE PRODUITS ET PROCÉDÉ

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Application

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Abstract (en)

[origin: WO2014195309A1] The invention relates to roller pairs (1, 1') for processing a product, containing two rollers, in particular two grinding rollers (1; 1'), wherein at least one roller (1; 1') contains at least one sensor (2; 2'), preferably a plurality of sensors (2; 2'), for obtaining measured values that characterise a state of at least one of the rollers (1; 1'), in particular of both rollers (1; 1'), in particular a state of a circumferential surface (3, 3') of at least one of the rollers (1; 1'), in particular of both rollers (1; 1'). The sensor (2; 2') can have a data connection to a data transmitter (4; 4'), which is designed to transmit the measured values of the at least one sensor (2; 2'), preferably of a plurality of sensors (2; 2'), more preferably of all sensors (2; 2'), to a data receiver (5; 5') in a contact-free manner. The invention further relates to a measuring device (12') for insertion into a receiving opening (11') of a roller body (10') of a roller of a roller pair, a product-processing installation, in particular a grinding installation (18; 18'), containing at least one roller pair (1, 1'), a method for operating a product-processing installation, and to a method for converting and/or upgrading at least one roller body.

IPC 8 full level

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Citation (search report)

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