

Title (en)

METHOD AND DEVICE FOR PRECISELY POSITIONING A PLURALITY OF INTERACTING ROLLER OR CYLINDRICAL ELEMENTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM PRÄZISEN POSITIONIEREN EINER ANZAHL ZUSAMMENWIRKENDER WALZ- ODER ROLLENELEMENTE

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE POSITIONNER AVEC PRECISION UN CERTAIN NOMBRE DE ROULEAUX OU D'ELEMENTS DE LAMINAGE COOPERANTS

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Application

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Abstract (en)

[origin: US2008006386A1] The invention relates to a method of precise positioning of a number of cooperating cylinder or roller elements (2, 3, 4) of a roller or casing installation (1) relative to each other. In order to be able to bring off a rapid and precise alignment of the cylinder or roller elements, according to the invention, it is provided that with a measuring apparatus (5), a distance (a₆, a₇, a₈, a₉) between at least three reference points (6, 7, 8, 9), which are provided directly or indirectly on each of the cylinder roller elements (2, 3, 4), and the measuring apparatus is measured, and that dependent on measurement results, adjusting elements (10, 11, 12) on each cylinder or roller element (2, 3, 4) are so operated that the distances (a₆, a₇, a₈, a₉) between the reference points (6, 7, 8, 9) and the measuring apparatus conform to predetermined values to a best possible extent, wherein the measurement points (6, 7, 8, 9) of each cylinder or roller element (2, 3, 4) are arranged, directly or indirectly on a carrier element (13) of the cylinder or roller element (2, 3, 4). The invention further relates to a roller or casting installation, in particular for carrying out the method.

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