

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

Publication

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Application

**EP 06776173 A 20060711**

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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 (a<SUB>6</SUB>, a<SUB>7</SUB>, a<SUB>8</SUB>, a<SUB>9</SUB>) 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 (a<SUB>6</SUB>, a<SUB>7</SUB>, a<SUB>8</SUB>, a<SUB>9</SUB>) 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.

IPC 8 full level

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