Title (en)

ROAD MILLING MACHINE, AND METHOD FOR POSITIONING THE MACHINE FRAME PARALLEL TO THE GROUND

Title (de)

STRASSENFRÄSMASCHINE SOWIE VERFAHREN ZUR HERSTELLUNG DER PARALLELITÄT DES MASCHINENRAHMENS ZUM BODEN

Title (fr)

FRAISEUSE ROUTIÈRE ET PROCÉDÉ PERMETTANT D'OBTENIR LE PARALLÉLISME DU BÂTI DE MACHINE PAR RAPPORT AU SOL

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2008077963A1] Disclosed are a road milling machine and a method for positioning the machine frame parallel to the ground surface (8). An automotive road milling machine (1), particularly a cold-milling machine, comprises a chassis that supports the machine frame (4) via lifting columns (12, 13), a milling roller (6) mounted on the machine frame (4) for machining a ground surface (8) or road surface (8), vertically adjustable lateral shields (10) as edge guards which rest on the ground surface (8) or road surface (8) that is to be machined, a vertically adjustable doctoring device (14) which is disposed behind the milling roller (6) in the direction of travel and can be lowered into the milled track (17) created by the milling roller (6), and a controller (23) for regulating the milling depth of the milling roller (6). The controller (23) determines the milling depth of the milling roller (6) from measured values of at least one measuring instrument (16). In said automotive road milling machine (1), the controller (23) automatically regulates the lifted state of at least one rear and/or front lifting column (12, 13), "rear" and "front" being in relation to the direction of travel, in order to position the machine frame (4) parallel to the ground surface (8), road surface (8) or a predefined milling plane.

IPC 8 full level

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CPC (source: EP US)

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