

Title (en)
TWIN-ROLL MACHINE, IN PARTICULAR FOR MATERIAL BED MILLING

Title (de)
ZWEIWALZENMASCHINE INSBESONDERE ZUR GUTBETTZERKLEINERUNG

Title (fr)
MACHINE A DEUX CYLINDRES, EN PARTICULIER POUR LE BROYAGE D'UN LIT DE MATIERE

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Abstract (en)
[origin: WO2006084652A1] The aim of the invention is to configure a twin-roll machine, in particular a roll press for the bed milling of a granular material, comprising two rotatably mounted rolls (11, 12) that are separated by a nip and driven in opposite directions in such a way that the hydraulic cylinders that are used to exert the roll compression force no longer need to be supported on a heavy-duty machine frame, which complicates the replacement of the rolls, for example, in the event of a repair. To achieve this, the hydraulic cylinders (15, 16) are located in such a way that they respectively engage with both the bearing housings (14) of one roll (12) and the opposing bearing housings (13) of the other roll (11), forming a closed milling compression force system without the need for a closed machine frame that bears the roll compression forces.

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