Title (en)

ROLL PRESS COMPRISING TWO MOBILE ROLLS AND METHOD FOR CENTERING TWO MOBILE ROLLS

Title (de)

ROLLENPRESSE MIT ZWEI LOSROLLEN UND VERFAHREN ZUR ZENTRIERUNG ZWEIER LOSWALZEN

Title (fr)

PRESSE À ROULEAUX COMPORTANT DEUX ROULEAUX LIBRES ET PROCÉDÉ DE CENTRAGE DE DEUX ROULEAUX LIBRES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2009071514A1] The invention relates to a roll press for the compression or compacting of granular products, comprising two detachable rolls separated by a roll gap, driven in opposite directions and mounted in such a way as to rotate in a machine frame by means of a shaft. The shafts of the mobile rolls are received in bearing housings arranged in a mobile manner in the machine frame, and two respective bearing housings of different rolls, arranged on one side of the rolls, are interconnected by means of at least one pressure cylinder comprising at least two working chambers. The invention also relates to a method for centring mobile rolls in such a roll press. According to the invention, the at least two working chambers have a force effect acting in opposite directions, and are interconnected in such a way that a pressure medium can circulate. In this way, the hydraulic system can be positioned in a fixed manner on the machine frame, the rolls nonetheless being mounted in the machine frame in a floating manner.

IPC 8 full level

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CPC (source: EP US)

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Cited by

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DOCDB simple family (application)

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