

Title (en)

TWIN-ROLL MACHINE, IN PARTICULAR FOR COMMINUTING A BED OF MATERIAL

Title (de)

ZWEIWALZENMASCHINE INSBESONDERE ZUR GUTBETTZERKLEINERUNG

Title (fr)

MACHINE A DEUX CYLINDRES, EN PARTICULIER POUR LE BROUAGE D'UN LIT DE MATIERE

Publication

EP 1945362 A1 20080723 (DE)

Application

EP 06792114 A 20060916

Priority

- EP 2006009033 W 20060916
- DE 102005045273 A 20050922

Abstract (en)

[origin: WO2007033800A1] In order to design a twin-roll machine, in particular a roller press, for comminuting a bed of granular material, comprising two rotatably mounted, counter-rotationally driven rolls separated from one another by a roll nip, in such a way that the roll change can be performed even more simply and more quickly, it is proposed according to the invention to mount an additional frame at the roller press front end adjacent to the fixed roll (10), specifically a lower frame (23) prolonging the two bracket lower flanges (15, 16) and a transverse frame (24) that is connected to the two bracket upper flanges (17, 18) and has a clear opening width which permits the complete rolls to be pushed through the transverse frame (24) onto the lower frame (23), and to construct the frame end pieces (19, 20) which support the fixed roll (10) during roller press operation such that they can be folded out hydraulically for the purpose of the roll change, whereby, with the machine frame end pieces folded out upwardly, the two rolls (10, 11) together with the bearing housings (12, 13) can be withdrawn successively from the roller press onto the lower frame (23), from where they can be removed conveniently, for example vertically, and transported further, in particular by means of a mobile crane, for example.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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