

Title (en)  
ROLLER PRESS

Title (de)  
ROLLENPRESSE

Title (fr)  
PRESSE A ROULEAUX

Publication  
**EP 1286777 B1 20080625 (EN)**

Application  
**EP 01900220 A 20010119**

Priority  
• DK PA200000646 A 20000417  
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Abstract (en)  
[origin: WO0178898A1] A description is provided of a roller press comprising two oppositely rotating rollers (1, 2) which are driven by means of a drive system. The roller press is peculiar in that the drive system is designed so that its lowest natural torsional frequency  $V_{system}$  is greater than a calculated frequency expressed by formula (I) where V represents roller velocity, D roller diameter, H grinding bed thickness,  $\rho$  out density of pressed cakes,  $\gamma$  pin bulk weight of feed to roller press. This will allow the roller press to be designed for operation at roller peripheral velocities in excess of 1.5 m/s.

IPC 8 full level  
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