

Title (en)  
Crusher rotor arrangement

Title (de)  
Brechrotoranordnung

Title (fr)  
Agencement de rotor de broyeur

Publication  
**EP 2042238 A1 20090401 (EN)**

Application  
**EP 08164961 A 20080924**

Priority  
FI 20075670 A 20070926

Abstract (en)  
The invention relates to a crusher rotor arrangement that comprises a crusher rotor (1) that crushes material and a counter blade assembly (2) arranged in cooperation therewith, whereby the crusher rotor comprises a crusher blade structure (3) fastened to its circumference and extending in its lateral direction, and the counter blade assembly (2) comprises the actual counter blade structure (4) that crushes and cuts material together with the crusher blade structure of the crusher rotor, and a spring structure (7, 9) of the counter blade structure, the counter blade structure (4) and its body (5) being divided in the axial direction of the crusher rotor into several portions each with their own spring means (7, 9). In addition a fixed guide (10) in cooperation with the counter blade structure is mounted on the reverse side of the counter blade structure (4) in the rotation direction of the crusher rotor, between the crusher rotor (1) and counter blade assembly (2) to divide the space between the counter blade assembly and crusher rotor into separate routes for the accepted and rejected material.

IPC 8 full level  
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Citation (applicant)  
• US 3952957 A 19760427 - MAILLET EDGARD JACQUES  
• FI 6753 U1 20050729 - NOLO REIN [FI]

Citation (search report)  
• [DY] US 3952957 A 19760427 - MAILLET EDGARD JACQUES  
• [Y] US 4449673 A 19840522 - CAMERON WALLACE C [US]  
• [A] US 3332629 A 19670725 - MILLER DONALD G

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