

Title (en)  
CRUSHING DEVICE

Title (de)  
ZERKLEINERUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE BROYAGE

Publication  
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Application  
**EP 03720351 A 20030324**

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Abstract (en)  
[origin: WO03080249A1] The invention relates to a crushing device, for example for crushing products associated with the disposal, processing and recycling of refuse and valuable materials. According to the invention, the device consists of at least one rotor (1), on the periphery of which hooks are mounted (3) and at least one stator (4, 7), whereby the latter (4, 7) can be offset in the direction of the rotor axis (2) and/or rotated about its stator axis (5), once its locked position has been released. Crushing elements (6) are mounted on the stator (4), a lateral edge (10a) being aligned transversally to the direction of material flow and co-operating with the hooks (3) during the crushing process. At least one hook (3) rotates between two respective crushing elements (6), the rotational plane of said hook being located in a substantially eccentric area in relation to the interval between two crushing elements (6). By rotating the stator (4) through 90 DEG, the edge (10a) can be replaced by the following edge (10b) in the peripheral direction, thus considerably prolonging the service life of the stator (4).

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