

Title (en)  
BEATER ARM

Title (de)  
SCHLAGLEISTE

Title (fr)  
BARRE DE BATTAGE

Publication  
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Application  
**EP 17816661 A 20171208**

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Abstract (en)  
[origin: CA3074527A1] The invention relates to a beater arm for use in an axially parallel beater arm holder (7) of a rotor (1) of an impact crusher, comprising the following features: a) the beater arm (6) has a longitudinal axis running in the Z-direction within a Cartesian coordinates system, which runs parallel to the beater arm holder (7) in the installation position, a vertical axis running in the Y-direction, which is directed towards a radially outer top surface (8) of the beater arm (6), and a transverse axis running in the X-direction, which is directed towards a longitudinal side of the beater arm (6); b) the beater arm (6) is designed to be rotationally symmetrical in relation to the longitudinal axis; c) the beater arm (6) has a respective head (11) - with a rectangular cross-section - at the upper and lower ends in the vertical direction thereof, wherein each head (11) has lateral surfaces (9, 10) on the longitudinal side, which each run parallel at a first distance (A1) to one another, such that the head has a thickness (D1) between the lateral surfaces (9, 10); d) there is a central region (12) between the two heads (11) in which the longitudinal axis centrally determines the position of a Y-Z plane; e) the lateral surfaces (9, 10) run parallel to the Y-Z plane, wherein, in the transverse direction, the two heads (11) are arranged offset to the Y-Z plane by a second distance (A2) in the opposite direction, such that support shoulders (22) are arranged in the transition to the central region (12); f) the central region (12) has a thickness (D2) over the majority portion of its length that is not smaller than the first distance (A1) of the lateral surfaces (9, 10) of the heads (11).

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