

Title (en)

A JAW CRUSHER, PARTICULARLY A STONE CRUSHER.

Title (de)

BACKENBRECHER, INSBESONDERE FÜR STEIN.

Title (fr)

CONCASSEUR A MACHOIRES, PARTICULIEREMENT DESTINE A LA PIERRE.

Publication

EP 0676987 A1 19951018 (EN)

Application

EP 94904786 A 19940105

Priority

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Abstract (en)

[origin: WO9415713A1] A jaw crusher, particularly a stone crusher, comprises two crushing plates (3, 4), a stationary, preferably adjustable crushing plate (3) and an opposing, movable crushing plate (4), said crushing plates (3, 4) therebetween forming a downwardly tapering funnel having a lower outlet slot (6) for crushed stone mass or other material. One has aimed at achieving exactly or approximately equal crushing effect across the entire movable crushing plate, so that the stroke thereof may be reduced, in order to obtain smoother running, larger rotational speed and decreased power need. This is obtained in that the movable crushing plate (4) is mounted on two rotatable and drivable shaft portions (9, 10) located at mutually differing levels, each such shaft portion being eccentric in relation to the driven mounting portions (11, 12) of the shaft belonging thereto. The two shafts (9, 11 and 10, 12) incorporating an eccentric shaft portion (9, 10) each, may thereby be driven synchronously.

IPC 1-7

B02C 1/02; B02C 1/04

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