

Title (en)

Shredding arrangement for transportable wood.

Title (de)

Vorrichtung zum Zerkleinern von zufühbarem Schwachholz.

Title (fr)

Dispositif de broyage pour bois transportable.

Publication

EP 0070004 A2 19830119 (DE)

Application

EP 82106155 A 19820709

Priority

DE 3127387 A 19810710

Abstract (en)

1. A wood chopping machine (1) for small sized wood (2) with a rotor (17) comprising two disks (101), between which are arranged cutter carriers parallel to the rotor axis with cutters (71) parallel to the rotor axis, the cutters (71) interacting with a counter cutting edge arranged at the opening of a supply shaft (10) at the radial outer wall (9) of the housing (4) and the rotor (17) having between each two adjacent cutters (71) a radially outwardly open recess, in which there is adjustably arranged, for the purpose of adjustability of the chip length, a body (106) with a radially external, bent stop face (105) for the front end of the small-sized wood (2), characterized in that the recesses are closed off from each other in the area of the cutters (71) and in that the body (106) is articulated to a swivel shaft (108) parallel to the rotor axis as a swivel body, which swivel shaft (108) is located at the side of the cutter (71) leading in the direction of rotation (47) and in that in the recesses the space not occupied by the swivel body (106) at the side of the cutter (71) following in the direction of rotation forms a chamber (44) with a radially external opening (119) for receiving the chip, the end face (111) of the swivel body (106) facing away from the swivel shaft (108) representing the wall (118) of the chamber (44) which is at the front in the running direction.

Abstract (de)

Vorrichtung zum Zerkleinern von zufühbarem Schwachholz (2) mit einem umlaufend antreibbaren Rotor (17), der mindestens ein Schneidmesser (71) mit Gegenschneide (79) zum Zerkleinern des Schwachholzes und mindestens eine dem Schneidmesser (71) zugeordnete Führungsfläche (18, 105) zum Führen des Schwachholzes (2) im Schneidbereich aufweist, wobei für eine einfache und rasche Verstellung der Schnittlänge des Schwachholzes vorgesehen ist, daß die Führungsflächen (18, 105) zum Bestimmen der Schnittlänge in ihrem Abstand zu dem Schneidmesser (71) mittels einer Verstelleinrichtung (94) verstellbar ausgebildet ist.

IPC 1-7

B27L 11/00; **B27L 11/02**

IPC 8 full level

B02C 18/14 (2006.01); **B02C 18/22** (2006.01); **B27L 11/00** (2006.01); **B27L 11/02** (2006.01)

CPC (source: EP)

B02C 18/143 (2013.01); **B02C 18/2225** (2013.01); **B27L 11/02** (2013.01)

Cited by

US5780665A

Designated contracting state (EPC)

AT CH DE FR LI SE

DOCDB simple family (publication)

EP 0070004 A2 19830119; **EP 0070004 A3 19840905**; **EP 0070004 B1 19871223**; AT E31503 T1 19880115; DE 3277864 D1 19880204; DE 3280323 D1 19910508

DOCDB simple family (application)

EP 82106155 A 19820709; AT 82106155 T 19820709; DE 3277864 T 19820709; DE 3280323 T 19820709