

Title (en)
Knife head for a cutter.

Title (de)
Messerkopf für Kutter.

Title (fr)
Tête de lame pour hachoir.

Publication
EP 0308666 A1 19890329 (DE)

Application
EP 88113721 A 19880823

Priority
DE 3732237 A 19870924

Abstract (en)
[origin: JPS6490047A] PURPOSE: To enable positioning cutter blades of a cutter head in a radial direction thereof by forming elongated holes having two parallel opposite internal longitudinal edges in respective cutter blades and engaging the internal edges with outer toothings at two parallel opposite external longitudinal edges of a shaft supporting disk. CONSTITUTION: One elongated hole 7 having two parallel opposite internal longitudinal edges for positioning a driving shaft 9 with a polygonal cross section is formed respectively in the cutter blades A to C arranged in a state balanced to each other with respect to the driving shaft 9. One row of inner toothing 10 is correspondingly provided at both parallel opposite internal longitudinal edges of the elongated hole 7 in order to engage with one row of outer toothing 11 respectively provided at two parallel opposite external longitudinal edges of the shaft supporting disk 8. Further, one hole is provided at the shaft supporting disk 8 in order to support the shaft 9 by a shape binding type, the size of the disk 8 in a direction of the outer toothing 11 is made smaller than the longitudinal extension of the elongated hole 7 and thickness thereof is made greater than depth of the elongated hole 7. Consequently, positioning of the cutter blades which is adjustable in a radial direction thereof and is of the shape binding type can be done.

Abstract (de)
Um die Kutmesser (1; A, B, C) eines Messerkopfes auf einfache Weise auf geringstem axialen Raum radial einstellbar positionieren zu können, wird in einem Langloch (7) im Bereich des Messerfusses (6) an dessen parallelen gegenüberliegenden inneren Längsrändern eine Verzahnung (10) ausgebildet, in die eine Verzahnung (11) an parallelen gegenüberliegenden äußeren Längsrändern einer Wellenaufnahmescheibe (8) eingreift, die eine zentrale Öffnung (9) aufweist, deren Form dem Querschnitt einer Treibwelle (9') entspricht. Die Dicke der Wellenaufnahmescheibe (8) ist dabei nicht größer als die Tiefe des Langlochs (7), während aber die Länge der Wellenaufnahmescheibe (8) kleiner ist als die Längserstreckung des Langlochs (7).

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CPC (source: EP KR US)
B02C 18/20 (2013.01 - EP US); **B26D 1/14** (2013.01 - KR); **Y10T 83/9374** (2015.04 - EP US)

Citation (search report)
• [AD] DE 2027429 A1 19711230
• [A] GB 594588 A 19471114 - B & P SWIFT LTD, et al

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