

Title (en)

Procedure and apparatus for replacing a knife in a disc chipper.

Title (de)

Verfahren und Vorrichtung zum Auswechseln eines Messers in einem Disk-Zerspaner.

Title (fr)

Procédé et dispositif pour le remplacement d'un couteau dans un disque déchiqueteur.

Publication

**EP 0468458 A1 19920129 (EN)**

Application

**EP 91112347 A 19910723**

Priority

FI 903733 A 19900726

Abstract (en)

The invention relates to a procedure and apparatus for replacing a knife (3) in a disc chipper. The disc chipper is provided with a disc (1) which rotates about its center axis and on which several knives (3) are fixed by means of knife holders (2) and knife fixing elements (10). When a knife (3) is to be replaced, a releasing device, e.g. a piston (12), mounted inside the disc is used in such a way that it acts on all the fixing elements (10) of one knife (3) essentially simultaneously and in a direction essentially opposite to the direction of the force generated by the knife fixing elements (10). <IMAGE>

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**B27G 13/04; B27L 11/00**

IPC 8 full level

**B27G 13/04** (2006.01); **B27L 11/00** (2006.01)

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Citation (search report)

- [X] DE 1653094 A1 19710916 - HOMBAK MASCHINENFAB KG
- [A] US 3014511 A 19611226 - ARTHUR KIRSTEN PAUL
- [A] FR 2198814 A1 19740405 - KOSTER HERMANN [DE]
- [A] DE 2405000 A1 19750807 - HOMBAK MASCHINENFAB KG
- [A] FR 2229516 A1 19741213 - DUFFOUR GILBERT [FR]
- [A] DE 1154613 B 19630919 - HOMBAK MASCHINENFAB KG

Cited by

EP0990494A1; FR2783725A1; US7584772B2; WO2006058759A1

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