

Title (en)

Biasing and fixing of the cutters of a debarking machine with annular rotor and simplified drive for infeed and outfeed rolls

Title (de)

Spannen und Befestigen der Messerwerkzeuge einer Lochrotoreintrindungsmaschine sowie vereinfachter Antrieb der Ein- und Auszugswalzen

Title (fr)

Contrainte et fixation des couteaux d'une machine à écorcer à rotor annulaire ainsi que dispositif d'entraînement simplifié des rouleaux d'alimentation en entrée et sortie

Publication

EP 1704974 A3 20061206 (DE)

Application

EP 06006191 A 20060324

Priority

- EP 05006513 A 20050324
- EP 06006191 A 20060324

Abstract (en)

[origin: EP1704974A2] The device has a counterweight (2) mounted on a side that lies opposite to a cutter arm at a point outside of an axial center of a cutter retaining shaft such that a force acting away from a cutter and toward the axial center is generated by a centrifugal force when a rotor rotates. The size of counterweight is designed such that cutting force is provided in consideration of the centrifugal force acting on the counterweight. An independent claim is also included for a drive unit for receiving pull in and out rollers of a rotary ring debarking machine.

IPC 8 full level

B27L 1/08 (2006.01); **B27L 1/04** (2006.01)

CPC (source: EP)

B27L 1/08 (2013.01)

Citation (search report)

- [X] US 3409057 A 19681105 - PETROVICH LOS ANATOLY
- [X] US 3058500 A 19621016 - SMITH LLOYD B
- [A] JP S59127706 A 19840723 - ISHIDA IRON WORKS CO LTD

Cited by

CN110355847A; CN104381032A; CN104875263A; DE202011000347U1; DE202009014887U1; EP2596926A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1704974 A2 20060927; EP 1704974 A3 20061206; EP 1704974 B1 20081112

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