

Title (en)

ENHANCED ADJUSTING MECHANISM FOR PADDLES IN CLEANING CHAMBERS OF PUMPKIN HARVESTING MACHINES

Title (de)

VERBESSERTER EINSTELLMECHANISMUS FÜR PADDEL IN DEN REINIGUNGSKAMMERN VON KÜRBISERNTMASCHINEN

Title (fr)

MÉCANISME DE RÉGLAGE AMÉLIORÉ POUR PALETTES DANS DES CHAMBRES DE NETTOYAGE DE RÉCOLTEUSES DE CITROUILLE

Publication

EP 3624603 A4 20200527 (EN)

Application

EP 18920565 A 20181003

Priority

- TR 201807768 A 20180531
- TR 2018050546 W 20181003

Abstract (en)

[origin: WO2019231415A1] The present invention relates to paddle (P) connected to the inside of two separate cleaning chambers I and II (T) of pumpkin harvesting machine used in the harvesting process of pumpkin seeds, characterized in that; an adjusting mechanism (A) comprising; tube (100), pivot (200), cap (300), segment (400), motion nut (500), multiple paddle arms (600), spline flange (700) or transmission flange (800), that performs the adjusting operation of pressure intensity that will be applied by paddle rubbers (640) positioned on paddle arms (600) to the inner wall of the perforated drum (T1) when the motion nut (500) is rotated by the user and that allows the rigidity adjustment of paddle rubber (640) that separates pumpkin seeds and pulp from one another by coming into contact with the inner wall of perforated drum (T1) to be made effortlessly and in a short time and thereby allowing the process of harvesting carried out through the pumpkin harvesting machine to be performed with high efficiency.

IPC 8 full level

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CPC (source: EP)

A01F 11/00 (2013.01); **A01F 12/181** (2013.01); **A23N 5/08** (2013.01)

Citation (search report)

- [YD] WO 2018048368 A1 20180315 - SELMAKSAN SELCUK MAKINA ZIRAAT ALETLERI IMALAT VE PAZARLAMA SANAYI VE TICARET LTD SİRKETİ [TR]
- [Y] RU 2150815 C1 20000620 - SALDAEV ALEKSANDR MAKAROVICH
- [A] DE 1263388 B 19680314 - MASSEY FERGUSON GMBH
- See references of WO 2019231415A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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DOCDB simple family (application)

TR 2018050546 W 20181003; EP 18920565 A 20181003; TR 201807768 A 20180531