

Title (en)  
SYSTEMS AND METHODS FOR MEDICINAL CANNABIS HARVESTING

Title (de)  
SYSTEME UND VERFAHREN ZUR GEWINNUNG VON MEDIZINISCHEM CANNABIS

Title (fr)  
SYSTÈMES ET PROCÉDÉS DE RÉCOLTE DE CANNABIS MÉDICINAL

Publication  
**EP 3509413 A1 20190717 (EN)**

Application  
**EP 17849245 A 20170711**

Priority  
• US 201615261894 A 20160910  
• US 2017041462 W 20170711

Abstract (en)  
[origin: WO2018048503A1] One embodiment of the present invention relates to a system for cannabis stem harvesting configured to specifically separate the leaves and buds from the stem. The system includes a frame member, die member, first rotating cylindrical member, second rotating cylindrical member, and a rotation system. The die member is coupled to the frame member and includes a plurality of orifices disposed within a plate. The first and second rotating cylindrical members are coupled to the frame member in a vertical configuration and oriented substantially adjacent to the die member. The vertical configuration of the first and second rotating cylindrical members defines a pinch region therebetween as a region across which a first and second circumferential surface of the first and second rotating cylindrical members are closest in proximity. The rotation system is coupled to the frame member and at least one of the first and second rotating members.

IPC 8 full level  
**A01D 46/02** (2006.01); **A01D 45/16** (2006.01); **A01D 45/22** (2006.01); **A01D 47/00** (2006.01); **A01F 11/00** (2006.01); **A24B 5/06** (2006.01)

CPC (source: EP)  
**A24B 5/06** (2013.01)

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2018048503 A1 20180315**; AU 2017325569 A1 20190328; AU 2017325569 B2 20210930; CA 3001150 A1 20180315; CA 3001150 C 20220510; EP 3509413 A1 20190717; EP 3509413 A4 20200916; EP 3509413 B1 20220601; ES 2917748 T3 20220711; PT 3509413 T 20220629

DOCDB simple family (application)  
**US 2017041462 W 20170711**; AU 2017325569 A 20170711; CA 3001150 A 20170711; EP 17849245 A 20170711; ES 17849245 T 20170711; PT 17849245 T 20170711