

Title (en)
ROTARY SEPARATION APPARATUS AND PROCESS

Title (de)
ROTIERENDE TRENNVORRICHTUNG UND VERFAHREN

Title (fr)
APPAREIL ET PROCÉDÉ DE SÉPARATION ROTATIVE

Publication
EP 3720293 A1 20201014 (EN)

Application
EP 18885978 A 20181205

Priority
• US 201715832614 A 20171205
• US 2018064036 W 20181205

Abstract (en)
[origin: WO2019113187A1] A rotary separation apparatus is deployed in a process for separating resinous trichomes rich in flavoring, aromatic and/or medicinal components produced in plant trichome glands from unwanted plant matter. An inert and/or liquid freezing agent is introduced into a container of the plant matter to fragment the undesirable matter while the desired portion rich in trichome remain intact.

IPC 8 full level
A23L 3/37 (2006.01); **A23L 3/36** (2006.01); **A23L 3/375** (2006.01); **A23L 3/44** (2006.01); **B01D 11/02** (2006.01); **F25D 3/11** (2006.01)

CPC (source: EP)
B01D 11/0273 (2013.01); **B01D 11/0288** (2013.01); **F25D 3/11** (2013.01); **B01D 11/0257** (2013.01); **B01D 11/0261** (2013.01);
B01D 11/028 (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 2019113187 A1 20190613; CA 3084261 A1 20190613; EP 3720293 A1 20201014; EP 3720293 A4 20211027

DOCDB simple family (application)
US 2018064036 W 20181205; CA 3084261 A 20181205; EP 18885978 A 20181205