

Title (en)

A CYCLONE AND A FOOD PROCESSING SYSTEM HAVING THE CYCLONE

Title (de)

ZYKLON UND SYSTEM ZUR BEHANDLUNG VON NAHRUNGSMITTELN MIT DEM ZYKLON

Title (fr)

CYCLONE ET UN SYSTÈME DE TRAITEMENT DES ALIMENTS COMPORTANT LE CYCLONE

Publication

EP 4265338 A1 20231025 (EN)

Application

EP 22169514 A 20220422

Priority

EP 22169514 A 20220422

Abstract (en)

The invention is a cyclone (1) comprising; a chamber (10) comprising a top wall (12) and a bottom wall (13), an inlet (15) for a fluid mixture entry to the chamber (10), a first outlet (20) for at least one separated substance of the fluid, and a second outlet (21) on the bottom wall (13) for the rest of the fluid, wherein the bottom wall (13) has a conical shape extending towards the top wall (12) of the chamber (10); and a food processing system employing the cyclone (1).

IPC 8 full level

B04C 5/04 (2006.01); **B04C 5/107** (2006.01); **B04C 5/14** (2006.01)

CPC (source: EP)

B04C 5/04 (2013.01); **B04C 5/107** (2013.01); **B04C 5/14** (2013.01)

Citation (search report)

- [X] US 4076507 A 19780228 - HAUBERG GEORG HANS HENRIK
- [X] SE 424508 B 19820726 - CELLECO AB [SE]
- [X] KR 101524469 B1 20150602
- [X] WO 2014058141 A1 20140417 - LEE SANGIN [KR], et al

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4265338 A1 20231025

DOCDB simple family (application)

EP 22169514 A 20220422