

Title (en)

CYCLONE FOR THE SEPARATION OF PARTICLES FROM A FLUID

Title (de)

ZYKLON ZUR TRENNUNG VON PARTIKELN AUS EINEM FLUID

Title (fr)

CYCLONE POUR LA SÉPARATION DE PARTICULES PRÉSENTES DANS UN FLUIDE

Publication

EP 3463674 A1 20190410 (EN)

Application

EP 17726940 A 20170531

Priority

- DE 202016102924 U 20160601
- EP 2017063113 W 20170531

Abstract (en)

[origin: CA3025587A1] The invention is directed to a cyclone (1) for the separation of solid particles and/or at least one liquid from a fluid. One ramp (10a) is arranged at the housing cap (5) and/or at an upper wall (9) of the feed channel (7), wherein the slope of the at least one ramp (10a) is in a range of 15° to 60°.

IPC 8 full level

B04C 5/04 (2006.01); **B04C 5/103** (2006.01)

CPC (source: EP)

B04C 5/04 (2013.01); **B04C 5/103** (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)

DE 202016102924 U1 20170904; AU 2017272681 A1 20190117; AU 2017272681 B2 20200430; BR 112018074331 A2 20190306; BR 112018074331 B1 20221101; CA 3025587 A1 20171207; CA 3025587 C 20240326; CN 109311035 A 20190205; CN 109311035 B 20210528; EP 3463674 A1 20190410; EP 3463674 B1 20200304; UA 122721 C2 20201228; WO 2017207606 A1 20171207

DOCDB simple family (application)

DE 202016102924 U 20160601; AU 2017272681 A 20170531; BR 112018074331 A 20170531; CA 3025587 A 20170531; CN 201780037821 A 20170531; EP 17726940 A 20170531; EP 2017063113 W 20170531; UA A201812514 A 20170531