

Title (en)

Suction device for finely dispersed materials

Title (de)

Absaugeinrichtung für fein verteilte Stoffe

Title (fr)

Dispositif d'aspiration pour des matières finement dispersées

Publication

EP 2060332 A3 20090819 (DE)

Application

EP 09003260 A 20070509

Priority

- EP 07450086 A 20070509
- AT 8152006 A 20060511

Abstract (en)

[origin: EP1854560A2] The suction device (AER) for finely distributed and/or gaseous substances has an annular body with an upper (OTE) and a lower (UTE) section, wherein the upper section and the lower section are held together in the in-use state by a clamping arrangement (SSB), and after releasing the clamping arrangement are separable, freeing the inside of the annular body. The discharge opening is defined by a lower basically cylindrical wall section and an upper, upwards and outwards widening conical wall section adjoining it, wherein the suction holes (ASB) are formed in the conical wall section.

IPC 8 full level

B08B 15/00 (2006.01); **B65B 1/28** (2006.01)

CPC (source: EP)

B08B 15/007 (2013.01)

Citation (search report)

- [XY] FR 774735 A 19341212 - CIRAGES FRANCAIS SOC GEN DES
- [YA] US 1981485 A 19341120 - WESTIN CHARLES J
- [A] FR 1362244 A 19640529
- [A] FR 2339443 A1 19770826 - PHYSICAL SYSTEMS [US]
- [A] US 5348063 A 19940920 - HANDLEMAN AVROM R [US]
- [A] US 5297739 A 19940329 - ALLEN DONOVAN J [US]
- [A] FR 2729591 A1 19960726 - RABIER JEAN JACQUES [FR]
- [A] US 6171407 B1 20010109 - RACKOSKI DAVID J [US], et al
- [DA] WO 03045593 A1 20030605 - COMMISSARIAT ENERGIE ATOMIQUE [FR], et al

Cited by

CN104148353A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1854560 A2 20071114; EP 1854560 A3 20080611; AT 503587 A1 20071115; AT 503587 B1 20080915; AT E473061 T1 20100715; DE 502007004343 D1 20100819; DK 2060332 T3 20100809; EP 2060332 A2 20090520; EP 2060332 A3 20090819; EP 2060332 B1 20100707; EP 2060333 A2 20090520; EP 2060333 A3 20090819; SI 2060332 T1 20101029

DOCDB simple family (application)

EP 07450086 A 20070509; AT 09003260 T 20070509; AT 8152006 A 20060511; DE 502007004343 T 20070509; DK 09003260 T 20070509; EP 09003260 A 20070509; EP 09003261 A 20070509; SI 200730334 T 20070509