

Title (en)
EXTRACTOR UNIT

Title (de)
ABZUGSEINHEIT

Title (fr)
UNITÉ D'EXTRACTION

Publication
EP 4184064 A1 20230524 (EN)

Application
EP 22207719 A 20221116

Priority
IT 202100029375 A 20211119

Abstract (en)
An extractor unit (100) comprising a casing (2) provided with an outlet (4) comprising an ending portion (6) suitable for being coupled with a connection of an extraction pipe (8), and a coupling portion (7) having a tapered shape in the width direction, with increasing width going from the inlet section (40) to the intermediate section (42) so as to allow for a fluid expansion in the coupling portion; the central portion (20) of the casing has a height (H1) greater than the height (H) of the ending portion (6) of the outlet, in such a way that the coupling portion (7) has a tapered shape in the height direction, with decreasing height going from the inlet section (40) to the intermediate section (42).

IPC 8 full level
F24C 15/20 (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP)
F04D 29/4226 (2013.01); **F24C 15/20** (2013.01); **F24C 15/2042** (2013.01); **F04D 29/703** (2013.01); **F05D 2250/52** (2013.01)

Citation (applicant)
EP 3620721 A1 20200311 - BERBEL ABLUFTTECHNIK GMBH [DE]

Citation (search report)

- [Y] EP 3620721 A1 20200311 - BERBEL ABLUFTTECHNIK GMBH [DE]
- [A] US 2016273780 A1 20160922 - COLOZZO VINCENZO GIUSEPPE [IT], et al
- [A] EP 2738394 A1 20140604 - BSH BOSCH & SIEMENS HAUSGERAETE GMBH [DE]
- [A] US 9334875 B2 20160510 - SATO SEIJI [JP], et al
- [Y] DE 102015213470 A1 20170119 - BRUCKBAUER WILHELM [DE]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4184064 A1 20230524

DOCDB simple family (application)
EP 22207719 A 20221116