

Title (en)
ANGLE GRINDER DUST HOOD

Title (de)
WINKELSCHLEIFER-STAUBHAUBE

Title (fr)
MEULEUSE D'ANGLE A COLLECTEUR DE POUSSIÈRES

Publication
EP 3416780 B1 20191023 (DE)

Application
EP 17704030 A 20170214

Priority
• EP 16156035 A 20160217
• EP 2017053240 W 20170214

Abstract (en)
[origin: WO2017140655A1] A dust collector for an angle grinder comprises a collector body for covering a circular grinding disk, a sealing element for sealing at least some sections of the collector body from a surface to be machined by the grinding disk, at least some sections of the sealing element being placeable in a first and a second retaining rail, and a suction terminal via which the abraded surface particles can be sucked off the collector body. The first retaining rail extends along a closed periphery of the collector body, and in the collector body, the sealing element is spring-mounted by at least one spring element in the axial direction relative to the axis of rotation of the grinding disk.

IPC 8 full level
B24B 55/10 (2006.01); **B24B 23/02** (2006.01)

CPC (source: EP US)
B24B 23/028 (2013.01 - EP US); **B24B 55/102** (2013.01 - EP US)

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

DOCDB simple family (publication)
EP 3208040 A1 20170823; CN 108698200 A 20181023; CN 108698200 B 20200609; EP 3416780 A1 20181226; EP 3416780 B1 20191023; US 2019039207 A1 20190207; WO 2017140655 A1 20170824

DOCDB simple family (application)
EP 16156035 A 20160217; CN 201780011429 A 20170214; EP 17704030 A 20170214; EP 2017053240 W 20170214; US 201716075718 A 20170214