

Title (en)
ROAD MILLING MACHINE

Title (de)
STRASSENFRÄSMASCHINE

Title (fr)
FRAISEUSE ROUTIÈRE

Publication
EP 3597828 B1 20210602 (DE)

Application
EP 19170634 A 20190423

Priority
DE 102018211880 A 20180717

Abstract (en)
[origin: US2020024811A1] In a road milling machine (1), comprising a machine frame (6), at least three travelling devices (2, 3), wherein at least two travelling devices (3) are drivable and at least one travelling device (2) is steerable, at least one milling drum (11) for working the ground pavement (4), at least one extraction device (12) for extracting air contaminated with dusts and vapours, it is provided for the following features to be achieved: the extraction device (12) comprises at least one first exhaust air pipe (13) with at least one first pipe section (24) with at least one first cross-section (26) and at least one second pipe section (20) with at least one second cross-section (22), wherein the second cross-section (22) is smaller than the first cross-section (26), wherein a suction channel (18) comprises an inlet opening (30) and an outlet opening, wherein the outlet opening (28) opens into the exhaust air pipe (13) in the area of the second pipe section (20), wherein the air contaminated with dusts and vapours can be sucked in at the inlet opening (30).

IPC 8 full level
E01C 23/088 (2006.01)

CPC (source: CN EP US)
E01C 23/088 (2013.01 - CN EP US); **E01C 2301/50** (2013.01 - EP US)

Cited by
DE102020128714A1

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 3597828 A1 20200122; EP 3597828 B1 20210602; CN 110725190 A 20200124; CN 211256604 U 20200814;
DE 102018211880 A1 20200123; US 10975536 B2 20210413; US 2020024811 A1 20200123

DOCDB simple family (application)
EP 19170634 A 20190423; CN 201910637186 A 20190715; CN 201921103848 U 20190715; DE 102018211880 A 20180717;
US 201916508636 A 20190711