

Title (en)
ELECTRIC DUST COLLECTOR

Title (de)
ELEKTRISCHER STAUBSAMMLER

Title (fr)
DÉPOUSSIÉREUR ÉLECTRIQUE

Publication
EP 4173718 A1 20230503 (EN)

Application
EP 22759191 A 20220124

Priority
• JP 2021029007 A 20210225
• JP 2022002350 W 20220124

Abstract (en)
There is provided an electric dust collector including a trap unit that has a bottom plate on which a particle matter contained in an exhaust gas is accumulated and that is provided with a plurality of first slits in the bottom plate; and a propagation unit that has an internal space through which a microwave propagates, in which the plurality of first slits are arranged at positions overlapping the internal space in a top plan view, and the microwave propagates from the internal space to the trap unit through the plurality of first slits.

IPC 8 full level
B03C 3/40 (2006.01); **B03C 3/74** (2006.01)

CPC (source: EP KR)
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Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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