

Title (en)
INTAKE AIR PURIFYING DEVICE

Title (de)
ANSAUGLUFTREINIGER

Title (fr)
DISPOSITIF DE PURIFICATION D'AIR D'ADMISSION

Publication
EP 4060181 A4 20221026 (EN)

Application
EP 19952649 A 20191114

Priority
JP 2019044772 W 20191114

Abstract (en)
[origin: EP4060181A1] The present invention is directed to effectively utilize inertia of intake air to enable improving intake efficiency of an intake air purifying device. The intake air purifying device includes: an air cleaner box 50 having an inside divided into a dirty side 50D and a clean side 50C by an air cleaner element 52; and an intake duct 53 for introducing outside air, as intake air W, to the dirty side 50D, in which: a guide member 60 for guiding the intake air W is provided in the dirty side 50D; the guide member 60 includes a guide surface 65 having a curved surface; and the intake air W to be introduced from the intake duct 53 to the dirty side 50D is guided along the guide surface 65 toward an inlet surface 52a of an intake air W in the air cleaner element 52.

IPC 8 full level
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CPC (source: EP)
F02M 35/024 (2013.01); **F02M 35/10013** (2013.01); **F02M 35/10262** (2013.01); **F02M 35/162** (2013.01)

Citation (search report)

- [X] FR 2972226 A1 20120907 - HONDA MOTOR CO LTD [JP]
- [A] JP 2008025396 A 20080207 - MAZDA MOTOR
- See references of WO 2021095214A1

Designated contracting state (EPC)
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