

Title (en)

AIR COMPRESSION DEVICE AND AIR SUCTION DEVICE

Title (de)

LUFTVERDICHTUNGSVORRICHTUNG UND LUFTANSAUGVORRICHTUNG

Title (fr)

DISPOSITIF DE COMPRESSION D'AIR ET DISPOSITIF D'ASPIRATION D'AIR

Publication

EP 4001648 A1 20220525 (EN)

Application

EP 21202060 A 20211012

Priority

JP 2020191648 A 20201118

Abstract (en)

An air compression device (1) according to one embodiment of the invention includes a compressor (10), a casing (12), a main air inlet filter (16), and an opening-closing mechanism (21). The compressor (10) compresses air suctioned therein and discharges compressed air. The casing (12) houses the compressor (10) therein, the casing (12) has a main air inlet (15) and an auxiliary air inlet (20) for introducing the air for the compressor (10). A main air inlet filter filters air introduced into the main air inlet (15). An opening-closing mechanism (21) opens the auxiliary air inlet (20) when a pressure difference between the inside and the outside of the casing (12) is equal to or greater than a predetermined value to allow air outside the casing (12) to flow into the casing (12).

IPC 8 full level

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Citation (applicant)

JP 2014152744 A 20140825 - MITSUBISHI ELECTRIC CORP

Citation (search report)

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