

Title (en)
CENTRIFUGAL FAN AND AIR SUPPLY DEVICE

Title (de)
ZENTRIFUGALLÜFTER UND LUFTVERSORGUNGSVORRICHTUNG

Title (fr)
VENTILATEUR CENTRIFUGE ET DISPOSITIF D'ALIMENTATION EN AIR

Publication
EP 4050221 A1 20220831 (EN)

Application
EP 20914498 A 20200618

Priority

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- CN 2020096821 W 20200618

Abstract (en)
Disclosed are a centrifugal fan (100) and an air supply device. The centrifugal fan (100) includes a volute (101) having a mounting space (1011) in the volute (101); and a fan wheel (102) arranged in the mounting space (1011), in which the volute (101) is provided with a volute tongue (1012) and a throat (1013), and a distance between the volute tongue (1012) and the fan wheel (102) is greater than a distance between the throat (1013) and the fan wheel (102). The fan can reduce the working noise, slow down the air leakage of the volute and increase the air output volume.

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