

Title (en)
BOSS STRUCTURE OF IMPELLER OF BLOWER AND IMPELLER OF BLOWER HAVING SAME

Title (de)
NABENSTRUKTUR FÜR LÜFTERLAUFRAD UND LÜFTERLAUFRAD DAMIT

Title (fr)
STRUCTURE DE BOSSAGE DE TURBINE DE SOUFFLEUR ET TURBINE DE SOUFFLEUR AYANT CELLE-CI

Publication
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Application
EP 07831348 A 20071107

Priority
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• JP 2006308291 A 20061114

Abstract (en)
To provide a boss structure of an impeller of a blower that is capable of improving the strength of the impeller and an impeller of a blower equipped with the boss structure. A boss structure (1) is a boss structure to which a rotating shaft (106) of a motor (105) that drives an impeller (100) of a blower to rotate is pivotally attached, and the boss structure (1) comprises: a hub (10) that includes a cylindrical portion (12) that extends in the rotating shaft direction; a vibration isolation member (20) that sandwiches the cylindrical portion (12) from both sides in a radial direction; a first boss (31) that supports a portion of the vibration isolation member (20) that contacts one radial direction side of the cylindrical portion (12), the rotating shaft (106) being pivotally attached to the first boss (31); and a second boss (32) that supports a portion of the vibration isolation member (20) that contacts the other radial direction side of the cylindrical portion (12), the second boss (32) integrally rotating with the first boss (31).

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