

Title (en)
PROPELLER FAN AND AIR CONDITIONER

Title (de)
PROPELLERLÜFTER UND KLIMAANLAGE

Title (fr)
VENTILATEUR À HÉLICE ET CLIMATISEUR

Publication
EP 4350151 A1 20240410 (EN)

Application
EP 21942926 A 20210525

Priority
JP 2021019737 W 20210525

Abstract (en)
Provided is a low-noise and high-efficiency propeller fan of which the thickness can be reduced. A propeller fan U1 includes a propeller (3) having a boss portion (33) and a plurality of blades (32), and a bell mouth (8) provided on the outer peripheral side of the propeller (3). A first position (a) closest to a suction side in a leading edge portion (32a) of each blade (32) is provided between a blade leading edge tip (321) and a blade leading edge root (323). A leading edge portion (32a) has, between the blade leading edge tip (321) and the first position (a), a recessed shape curved toward a blowing side. A trailing edge portion (32b) of each blade (32) has a raised shape curved toward the blowing side.

IPC 8 full level
F04D 29/38 (2006.01)

CPC (source: EP)
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