

Title (en)  
AXIAL VENTILATOR WHEEL

Title (de)  
AXIALVENTILATORRAD

Title (fr)  
ROUE DE VENTILATEUR AXIAL

Publication  
**EP 2771581 A1 20140903 (DE)**

Application  
**EP 11773290 A 20111025**

Priority  
EP 2011068630 W 20111025

Abstract (en)  
[origin: WO2013060358A1] The invention relates to an axial ventilator wheel (1), comprising a wheel body (2) having a hollow cylindrical hub (4) and a plurality of ventilator blades (6) which are distributed around the circumference and connected to the hub (4). Each ventilator blade (6) extends in an axial direction in the area of a blade base (8) connected to the hub (4), and is inclined in a peripheral direction between an inflow side (10) and an outflow side (12) of the hub (4). The hub (4) is shortened with respect to the axial hub length thereof at its inflow side (10) in a peripheral direction between the blade bases (8) of the adjacent ventilator blades (6), respectively, by means of recesses (16) around the edges.

IPC 8 full level  
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**F04D 25/082** (2013.01); **F04D 29/329** (2013.01); **F04D 29/5806** (2013.01)

Citation (search report)  
See references of WO 2013060358A1

Cited by  
US11371517B2; USD952830S; USD938009S; US11555508B2; US11859634B2; USD938011S; USD938010S; USD1002834S

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