

Title (en)  
CENTRIFUGAL FAN

Title (de)  
ZENTRIFUGALGEBLÄSE

Title (fr)  
VENTILATEUR CENTRIFUGE

Publication  
**EP 2837830 A4 20151223 (EN)**

Application  
**EP 14771178 A 20140502**

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Abstract (en)  
[origin: EP2837830A1] Disclosed is a centrifugal fan. The centrifugal fan according to an embodiment of the present invention includes a main plate connected to a rotating shaft of a motor, a shroud having a suction opening through which air is introduced, a plurality of blades arranged between the main plate and the shroud, and a rim portion acquired by bending an outer circumference of at least one of the main plate and the shroud in a longitudinal direction of the rotating shaft, the rim portion having an inclination.

IPC 8 full level  
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Citation (search report)  
• [X] GB 191018349 A 19110601 - SIEMENS BROTHERS DYNAMO WORKS [GB], et al  
• [XI] WO 2008129475 A1 20081030 - FLAEKT WOODS AB [SE], et al  
• See references of WO 2014182008A1

Cited by  
WO2018130690A1

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