

Title (en)
Crossflow fan

Title (de)
Querstromlüfter

Title (fr)
Ventilateur à courant transversal

Publication
EP 1780475 B1 20161019 (EN)

Application
EP 06022505 A 20061027

Priority
JP 2005314751 A 20051028

Abstract (en)
[origin: EP1780475A2] According to an embodiment of the present invention, there is provided a crossflow fan includes: an impeller; and a tongue provided along a portion of the outer circumference of the impeller. The tongue is provided with a plurality of slits such that a cross-section of the tongue on a surface perpendicular to a circumferential direction of the impeller is formed in a comb shape. At least one slit of the plurality of slits is formed in a different shape.

IPC 8 full level
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F04D 17/04 (2013.01 - EP); **F04D 29/422** (2013.01 - EP); **F04D 29/667** (2013.01 - EP); **F24F 1/0025** (2013.01 - EP); **F24F 1/0057** (2019.02 - EP); **F24F 1/0063** (2019.02 - EP US); **F24F 7/007** (2013.01 - EP); **F24F 13/24** (2013.01 - EP); **F05D 2250/181** (2013.01 - EP)

Cited by
US2015300681A1; EP3315785A1; US2018112888A1; CN113906218A; US2024117810A1; US11947263B2; WO2014158811A1

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