

Title (en)  
A COOLING SYSTEM

Title (de)  
KÜHLSYSTEM

Title (fr)  
SYSTÈME DE REFROIDISSEMENT

Publication  
**EP 3726020 A1 20201021 (EN)**

Application  
**EP 20158256 A 20200219**

Priority  
IN 201941011834 A 20190326

Abstract (en)  
The present subject matter discloses a cooling system (300) for a heat exchanging device (302). The cooling system (300) comprises a shroud (320), a motor (303) and a cooling fan (304). The present invention discloses the cooling system (300) with a ring (305) in accordance with a predetermined ratio (b/a) between a ring height (b) and a blade height (a) for providing higher cooling rate, high durability, minimal noise and substantially optimum structural strength to the plurality of blades (304). Under the predetermined ratio (b/a) the ring height (b) is maintained smaller than the blade height (a) to minimize the obstruction coming in the out flow of the air while leaving the cooling fan (301). The proposed subject matter is simple in construction and easy to remove and mount giving rise to improved serviceability.

IPC 8 full level  
**F01P 11/12** (2006.01); **F04D 29/32** (2006.01)

CPC (source: EP)  
**F01P 11/12** (2013.01); **F04D 29/326** (2013.01); **F01P 2050/16** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3726020 A1 20201021**

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