

Title (en)
FAN GUARD

Title (de)
LÜFTERHAUBE

Title (fr)
GRILLE DE PROTECTION

Publication
EP 2196739 A4 20150722 (EN)

Application
EP 08835455 A 20080916

Priority
• JP 2008066662 W 20080916
• JP 2007259530 A 20071003

Abstract (en)
[origin: EP2196739A1] A fan guard which reduces fluid noise while holding the conventional function for blocking intrusion of a hand of a person or a foreign matter. In a fan guard (200) constituted of a plurality of crosspieces (110) and arranged at an outlet (6) of an engine driven heat pump (1) having a fan (5), the crosspieces (110) are formed by continuing unit shapes (110a) bending or curving relative to the reference line (S) for constituting the crosspieces (110) on the fan guard (200). The unit shape (110a) is formed to have a wavy shape, for example.

IPC 8 full level
F24F 5/00 (2006.01); **F04D 29/70** (2006.01); **F24F 1/40** (2011.01); **F24F 1/56** (2011.01)

CPC (source: EP)
F04D 29/703 (2013.01); **F04D 29/705** (2013.01); **F24F 1/56** (2013.01); **F24F 13/082** (2013.01); **F24F 13/24** (2013.01)

Citation (search report)
• [X1] US 2004146395 A1 20040729 - USELTON ROBERT B [US]
• [XA] EP 0844444 A2 19980527 - MITSUBISHI ELECTRIC CORP [JP]
• See references of WO 2009044627A1

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US9932990B2; CN102996430A; WO2014056467A1; WO2015124237A1

Designated contracting state (EPC)
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