

Title (en)
WALL RING FOR A FAN WITH HEATING ELEMENT

Title (de)
WANDRING EINES LÜFTERS MIT HEIZELEMENT

Title (fr)
BAGUE MURALE DE VENTILATEUR ÉQUIPÉE D'UN ÉLÉMENT CHAUFFANT

Publication
EP 2895747 A1 20150722 (DE)

Application
EP 13753614 A 20130822

Priority
• DE 102012108449 A 20120911
• EP 2013067475 W 20130822

Abstract (en)
[origin: WO2014040835A1] The invention concerns a wall ring (1) for a fan, with a fan wheel, comprising at least one heating element (3) for heating the wall ring (1). The heating element (3) comprises an electrically conductive heating layer which is disposed on the inner side (2) of the wall ring (1) facing the fan wheel.

IPC 8 full level
F04D 29/42 (2006.01); **F04D 29/52** (2006.01); **F04D 29/58** (2006.01)

CPC (source: CN EP US)
F04D 19/002 (2013.01 - US); **F04D 29/023** (2013.01 - EP US); **F04D 29/4226** (2013.01 - CN US); **F04D 29/526** (2013.01 - CN EP US); **F04D 29/584** (2013.01 - CN EP US); **F04D 29/5853** (2013.01 - US); **F05D 2230/90** (2013.01 - EP US)

Citation (search report)
See references of WO 2014040835A1

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)
DE 102012108449 A1 20140313; CN 104619994 A 20150513; CN 104619994 B 20180109; EP 2895747 A1 20150722; EP 2895747 B1 20170531; ES 2639095 T3 20171025; HU E035997 T2 20180628; PL 2895747 T3 20171031; US 2015219117 A1 20150806; US 9816526 B2 20171114; WO 2014040835 A1 20140320

DOCDB simple family (application)
DE 102012108449 A 20120911; CN 201380046831 A 20130822; EP 13753614 A 20130822; EP 2013067475 W 20130822; ES 13753614 T 20130822; HU E13753614 A 20130822; PL 13753614 T 20130822; US 201314427071 A 20130822