

Title (en)

Laundry treatment apparatus with heat exchanger cleaning

Title (de)

Wäschebehandlungsvorrichtung mit Wärmetauscherreinigung

Title (fr)

Appareil de traitement du linge avec nettoyage d'échangeur de chaleur

Publication

**EP 2628843 A1 20130821 (EN)**

Application

**EP 12156202 A 20120220**

Priority

EP 12156202 A 20120220

Abstract (en)

The invention relates to a laundry treatment apparatus, in particular dryer or washing machine having a dryer function, comprising a control unit, a laundry treatment chamber for treating laundry using process air, a process air loop for circulating the process air, a heat exchanger (10) arranged in the process air loop for cooling the process air, a hollow element (42) comprising at least one outlet opening (54), wherein the hollow element (42) is in fluid communication with a liquid supply source and adapted to spray liquid to the heat exchanger (10) by at least one liquid spray from the at least one outlet opening (54) for cleaning the heat exchanger, and an actuator (44) for actuating the hollow element (42) along a cleaning axis (D) such that the heat exchanger (10) is cleaned by at least one liquid spray moving along the heat exchanger (10), characterized in that the hollow element (42) and the actuator (44) are movably coupled so as to define therebetween a variable volume (34a) fluidly connected to the liquid supply source.

IPC 8 full level

**D06F 58/20** (2006.01); **D06F 58/22** (2006.01); **D06F 58/24** (2006.01)

CPC (source: EP US)

**D06F 58/22** (2013.01 - EP US); **D06F 58/24** (2013.01 - EP US)

Citation (applicant)

US 2010192398 A1 20100805 - AHN SEUNG-PHYO [KR], et al

Citation (search report)

- [AD] US 2010192398 A1 20100805 - AHN SEUNG-PHYO [KR], et al
- [A] WO 2011154252 A1 20111215 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al
- [A] DE 102007052835 A1 20090507 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] EP 2365121 A2 20110914 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

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DE102013217467A1

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 2628843 A1 20130821; EP 2628843 B1 20200408**

DOCDB simple family (application)

**EP 12156202 A 20120220**