

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 B1 20200408 (EN)

Application

EP 12156202 A 20120220

Priority

EP 12156202 A 20120220

Abstract (en)

[origin: EP2628843A1] 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)

Cited by

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

DOCDB simple family (publication)

EP 2628843 A1 20130821; EP 2628843 B1 20200408

DOCDB simple family (application)

EP 12156202 A 20120220