

Title (en)
Method of drying articles of washing in a drum washing drier

Title (de)
Verfahren zum Trocken von Wäsche in einem Trommeltrockner

Title (fr)
Procédé pour sécher le linge dans un sèche-linge à tambour

Publication
EP 0771899 A3 19981014 (EN)

Application
EP 96115094 A 19960920

Priority
DE 19539155 A 19951020

Abstract (en)
[origin: DE19539155C1] A process for drying washed clothing in a drum dryer in which the items are revolved by rotating the drum entails rotating the drum together with a blower fan in the same direction or in alternating directions and blowing heated air through it, the power of the fan being increased in the forwards and decreased in the reverse direction. The procedure has start, main drying and end phases and the temp. in the air circulation is measured. The drum and fan are continually run in the forwards direction in the start phase and in alternating directions in the end phase. In the main drying phase it is only when a max. preset temp. has been reached while running in the forwards direction that alternate running is switched in for a period which is either preset or ended when a preset min. temp. is reached. Also claimed is a similar process where the dryer has a condenser in the air circulation and temp. difference at the condenser is also measured. When a preset condenser temp. difference has been reached, i.e. not temp., alternate running is switched in and switched back when a preset min. temp. difference is reached or a preset time span. In the end phase forwards running only can be selected.

IPC 1-7
D06F 58/28

IPC 8 full level
D06F 58/28 (2006.01)

CPC (source: EP US)
D06F 33/70 (2020.02 - EP US); **D06F 25/00** (2013.01 - EP US); **D06F 58/38** (2020.02 - EP US); **D06F 58/46** (2020.02 - EP US);
D06F 2103/34 (2020.02 - EP US); **D06F 2103/36** (2020.02 - EP US); **D06F 2103/44** (2020.02 - EP US); **D06F 2103/52** (2020.02 - EP US);
D06F 2105/24 (2020.02 - EP US); **D06F 2105/28** (2020.02 - EP US); **D06F 2105/30** (2020.02 - EP US); **D06F 2105/36** (2020.02 - EP US);
D06F 2105/46 (2020.02 - EP US); **D06F 2105/52** (2020.02 - EP US)

Citation (search report)
• [AD] EP 0358849 A2 19900321 - BOSCH SIEMENS HAUSGERAETE [DE]
• [A] DE 4032079 A1 19920416 - LICENTIA GMBH [DE]

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
DE 19539155 C1 19970123; DE 69620341 D1 20020508; DE 69620341 T2 20021107; EP 0771899 A2 19970507; EP 0771899 A3 19981014;
EP 0771899 B1 20020403

DOCDB simple family (application)
DE 19539155 A 19951020; DE 69620341 T 19960920; EP 96115094 A 19960920