

Title (en)

DEVICE AND METHOD FOR SUPPLYING MOISTURE INTO THE INNER CHAMBER OF A TUMBLE DRYER

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ZUFÜHRUNG VON FEUCHTIGKEIT IN DEN INNENRAUM EINES WÄSCHETROCKNERS

Title (fr)

DISPOSITIF ET PROCEDE D'APPORT D'HUMIDITE A L'INTERIEUR D'UN SECHOIR A LINGE

Publication

**EP 1554423 A2 20050720 (DE)**

Application

**EP 03785619 A 20031014**

Priority

- DE 10247759 A 20021014
- EP 0311358 W 20031014

Abstract (en)

[origin: WO2004035906A2] The invention relates to a device (1) for supplying moisture into the inner chamber of a tumble dryer. The device (1) comprises a receiving area (3) for receiving liquid and a liquid-impermeable shell (2) which surrounds said receiving area (3) and which comprises at least one outlet for transferring moisture. The device (1) is characterised in that the shell (2) is heat-impermeable, at least from the outside in the direction of the receiving area (3). The invention also relates to the use of said device (1) and a method for supplying moisture into the inner chamber of a tumble dryer, characterised in that a device (1) in which liquid is received is inserted into the inner chamber of a tumble dryer and heat is produced by the heating device of the tumble dryer. Said heat converts the liquid in the device (1) into steam for moisture and the thus obtained moisture is discharged into the inner chamber of the dryer via at least one outlet.

IPC 1-7

**D06F 58/20**

IPC 8 full level

**D06F 58/02** (2006.01); **D06F 58/20** (2006.01)

CPC (source: EP KR US)

**D06F 58/10** (2013.01 - KR); **D06F 58/203** (2013.01 - EP KR US); **D06F 58/26** (2013.01 - KR); **D06F 2103/36** (2020.02 - KR); **D06F 2103/56** (2020.02 - KR); **D06F 2103/62** (2020.02 - KR); **D06F 2105/28** (2020.02 - KR); **D06F 2105/30** (2020.02 - KR)

Citation (search report)

See references of WO 2004035906A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004035906 A2 20040429**; **WO 2004035906 A3 20040527**; AU 2003294690 A1 20040504; CN 1705785 A 20051207; DE 10247759 A1 20040422; EP 1554423 A2 20050720; KR 20050065589 A 20050629; PL 377118 A1 20060123; RU 2005110185 A 20051110; US 2006117589 A1 20060608

DOCDB simple family (application)

**EP 0311358 W 20031014**; AU 2003294690 A 20031014; CN 200380101349 A 20031014; DE 10247759 A 20021014; EP 03785619 A 20031014; KR 20057006210 A 20050411; PL 37711803 A 20031014; RU 2005110185 A 20031014; US 53085303 A 20031014