

Title (en)
CLOTHES DRYER

Title (de)
WÄSCHETROCKNER

Title (fr)
SÈCHE-LINGE

Publication
EP 3666959 B1 20211013 (EN)

Application
EP 19213099 A 20191203

Priority
CN 201811522420 A 20181213

Abstract (en)
[origin: EP3666959A1] A clothes dryer includes an inner tub (2, 200 for accommodating clothes and an outer tub (3, 300) arranged around the inner tub. An inner tub wall (21) has first holes (22) in dense distribution to be in spatial communication with the outer tub. A cooling water supply device (8, 801) is connected with an outer tub wall (31, 320) to supply cooling water required for a drying process to an inner surface (30, 3002) of the outer tub wall. The cooling water supply device includes a water outlet region. The inner surface of the outer tub wall has a hydrophilically treated region below the water outlet region (810, 8100), and the rest is a hydrophobic region, such that the cooling water is dispersed and flows in the hydrophilically treated region to form a water film, increasing a heat exchange area.

IPC 8 full level
D06F 37/26 (2006.01); **D06F 58/24** (2006.01)

CPC (source: CN EP)
D06F 37/26 (2013.01 - EP); **D06F 58/02** (2013.01 - CN); **D06F 58/04** (2013.01 - CN); **D06F 58/24** (2013.01 - CN); **D06F 58/26** (2013.01 - CN); **D06F 37/261** (2013.01 - EP); **D06F 58/24** (2013.01 - EP); **F28F 2245/02** (2013.01 - EP); **F28F 2245/04** (2013.01 - EP)

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 3666959 A1 20200617; **EP 3666959 B1 20211013**; CN 111321568 A 20200623

DOCDB simple family (application)
EP 19213099 A 20191203; CN 201811522420 A 20181213