

Title (en)
Drying apparatus

Title (de)
Trocknungsvorrichtung

Title (fr)
Appareil de séchage

Publication
EP 2436832 A2 20120404 (EN)

Application
EP 11180299 A 20110907

Priority
JP 2010222610 A 20100930

Abstract (en)
Drying apparatus (100) has drying tub (410) for storing laundry (C) and circulation system (600) of dry air. Circulation system (600) includes dehumidifier (635), blower (621) for sending dry air into drying tub (410), and support element (500) for supporting dehumidifier, (635). Support element (500) has drainage port (531) from which water is discharged, main tilted surface (511) for guiding water toward drainage port (531), first tilted surface (542) below dehumidifier (635), and first partition wall (546) protruding from first tilted surface (542) to partition first tilted surface (542) into first upstream tilted surface (544) and first downstream tilted surface (545) that is closer to blower (621) than first upstream tilted surface (544). First tilted surface (542) is tilted such that water flows toward main tilted surface (511), and first partition wall (546) extends in transverse direction with respect to dry air flow toward blower (621).

IPC 8 full level
D06F 58/24 (2006.01); **D06F 58/20** (2006.01)

CPC (source: EP US)
D06F 58/24 (2013.01 - EP US); **D06F 25/00** (2013.01 - EP US)

Citation (applicant)
• JP 2005052533 A 20050303 - MATSUSHITA ELECTRIC IND CO LTD
• JP 2010063694 A 20100325 - PANASONIC CORP
• JP 2010064020 A 20100325 - PANASONIC CORP

Cited by
CN114829694A; WO2014044531A1; US11186943B2; US11761141B2

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 2436832 A2 20120404; **EP 2436832 A3 20151021**; **EP 2436832 B1 20161109**; CN 102444012 A 20120509; CN 102444012 B 20130821; CN 202227166 U 20120523; JP 2012075600 A 20120419; JP 5948661 B2 20160706; TW 201221721 A 20120601; TW I468572 B 20150111

DOCDB simple family (application)
EP 11180299 A 20110907; CN 201110283845 A 20110921; CN 201120357892 U 20110921; JP 2010222610 A 20100930; TW 100133175 A 20110915