

Title (en)  
Spin Dryer

Title (de)  
Wäscheschleuder

Title (fr)  
Séchoir à rotation

Publication  
**EP 2428604 A1 20120314 (EN)**

Application  
**EP 11176501 A 20110804**

Priority  
JP 2010195781 A 20100901

Abstract (en)  
Present invention provides spin dryer (400), comprising: drum (440, 440A, 440B) including inner wall surface (443) for defining storage space (R) in which laundry is stored; and drive portion (430) for rotating drum (440, 440A, 440B), wherein inner wall surface (443) includes draining area (452) in which draining portion (453) is formed to discharge water from laundry, and ridge portion (450) which protrudes inside the drum (440, 440A, 440B), ridge portion (450) has first primary ridge (451a) extending in first direction along draining area (452), second primary ridge (451b) extending in first direction so that draining area (452) intervenes between first and second primary ridges (451 a, 451b), and secondary ridge portion (455) including base end (456, 458) connected to at least one of first and second primary ridges (451a, 451b), and wherein secondary ridge portion (455) includes tip end (457, 459) connected to draining area (452).

IPC 8 full level  
**D06F 37/02** (2006.01); **D06F 37/04** (2006.01); **D06F 58/04** (2006.01)

CPC (source: EP US)  
**D06F 37/02** (2013.01 - EP US); **D06F 37/04** (2013.01 - EP); **D06F 58/04** (2013.01 - EP US)

Citation (applicant)  
• JP 2001504006 A 20010327  
• JP 2008212635 A 20080918 - SAMSUNG ELECTRONICS CO LTD

Citation (search report)  
• [A] WO 2008077394 A2 20080703 - MIRTSCH GMBH DR [DE], et al  
• [AD] JP 2008212635 A 20080918 - SAMSUNG ELECTRONICS CO LTD  
• [A] DE 102008004661 A1 20090723 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Cited by  
EP2719809A3

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 2428604 A1 20120314**; **EP 2428604 B1 20140416**; AU 2011205046 A1 20120315; AU 2011205046 B2 20121018;  
CN 102383289 A 20120321; CN 102383289 B 20130424; CN 103215791 A 20130724; CN 103215791 B 20150610; CN 202175861 U 20120328;  
JP 2012050692 A 20120315; JP 5479277 B2 20140423; RU 2469137 C1 20121210; TW 201211347 A 20120316; TW I429804 B 20140311

DOCDB simple family (application)  
**EP 11176501 A 20110804**; AU 2011205046 A 20110728; CN 201110228776 A 20110810; CN 201120290127 U 20110810;  
CN 201310106175 A 20110810; JP 2010195781 A 20100901; RU 2011132892 A 20110804; TW 100126602 A 20110727