

Title (en)  
Washing machine with integrated tub/drum

Title (de)  
Waschmaschine mit integrierter Wanne/Trommel

Title (fr)  
Machine à laver à tambour/cuve intégré(e)

Publication  
**EP 2889422 A1 20150701 (EN)**

Application  
**EP 14177159 A 20140715**

Priority  
KR 20130161293 A 20131223

Abstract (en)  
A washing machine includes an integrated tub/drum (200) that holds laundry and water and rotates. A water supply pipe (610) and a water drain pipe (620) enter the integrated tub/drum (200) through a hollow shaft (410). An in-situ heating device (710) is coupled to water supply pipe (610) outside the integrated tub/drum (200) and raises a temperature of water supplied to the integrated tub/drum (200). Alternatively, the in-situ heating device (710) may be proximate to a water circulation pipe outside the integrated tub/drum (200) or inside the integrated tub/drum (200).

IPC 8 full level  
**D06F 39/08** (2006.01); **D06F 21/02** (2006.01)

CPC (source: CN EP KR US)  
**D06F 21/02** (2013.01 - CN EP US); **D06F 37/04** (2013.01 - KR); **D06F 37/26** (2013.01 - KR); **D06F 37/30** (2013.01 - KR); **D06F 39/04** (2013.01 - KR); **D06F 39/08** (2013.01 - KR); **D06F 39/088** (2013.01 - CN EP US); **D06F 39/12** (2013.01 - KR); **D06F 37/04** (2013.01 - EP US); **D06F 37/20** (2013.01 - EP US); **D06F 37/26** (2013.01 - EP US); **D06F 37/30** (2013.01 - CN EP US); **D06F 39/04** (2013.01 - CN EP US); **D06F 39/083** (2013.01 - CN EP US)

Citation (search report)  
• [XYI] EP 0381423 A1 19900808 - STRAUSS LEVI & CO [US]  
• [Y] GB 844755 A 19600817 - JAKOB ROTHENBERGER

Cited by  
US11319658B2

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 2889422 A1 20150701**; CN 104727076 A 20150624; KR 20150073517 A 20150701; US 2015176187 A1 20150625

DOCDB simple family (application)  
**EP 14177159 A 20140715**; CN 201410061016 A 20140221; KR 20130161293 A 20131223; US 201414182981 A 20140218