

Title (en)  
Drum type washing machine

Title (de)  
Trommelwaschmaschine

Title (fr)  
Machine à laver à tambour

Publication  
**EP 1389643 A3 20040922 (EN)**

Application  
**EP 02257084 A 20021011**

Priority  
KR 20020047744 A 20020813

Abstract (en)  
[origin: EP1389643A2] Disclosed herein is a drum type washing machine. The drum type washing machine includes a cabinet (10) defining the appearance of the washing machine and opened at the front to form a main opening (11). A fixed drum (20) is horizontally set in the cabinet (10) and contains wash water therein. A rotary drum (30) is set in the fixed drum (20) in such a way as to be rotatable in alternating directions. A main door (50) selectively closes the main opening (11). A sub-opening (51) is provided at a predetermined portion of the main door (50) such that a user puts laundry into the rotary drum (30) without opening the main door (50), and a sub-door (60) is provided at a predetermined portion of the main door (50) for selectively closing the sub-opening (51). <IMAGE>

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**D06F 37/28**

IPC 8 full level  
**D06F 39/14** (2006.01); **D06F 37/28** (2006.01)

CPC (source: EP KR US)  
**D06F 37/10** (2013.01 - KR); **D06F 37/28** (2013.01 - EP KR US); **D06F 39/14** (2013.01 - KR)

Citation (search report)  
• [X] DE 2244751 A1 19740314 - SIEMENS ELEKTROGERAETE GMBH  
• [A] DE 2034871 A1 19720120 - SIEMENS ELEKTROGERAETE GMBH

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US2016369445A1; US11053629B2; CN104975476A; CN108239849A; CN108729099A; EP3396047A4; EP1650341A1; US7954345B2; CN108729149A; CN106567231A; CN108431322A; EP3342915A4; CN107532365A; EP3263757A4; CN103608510A; AU2012221984B2; CN106906623A; EP2678469A4; US11346039B2; EP1650339A1; CN104846582A; CN107771229A; CN107810294A; EP3287557A4; AU2016307570B2; AU2019200385B2; EP3115494A4; US2019093275A1; US10301760B2; US10738406B2; EP3832002A1; US11162205B2; US2022018056A1; WO2012115467A3; US10053811B2; US7490496B2; US9856593B2; US10184200B2; US10745843B2; EP1650340A1; EP1650342A1; EP3184689A1; CN106917218A; US11566367B2; US11814779B2; US10920363B2; US11591743B2; US9255357B2; US10767300B2; US11834767B2; US11834768B2; US10745851B2; US7490495B2; US11486075B2; US11578445B2; US11859335B2

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