

Title (en)  
Improvements introduced for the drum spindle of automatic washing machines

Title (de)  
Trommelachse einer Waschmaschine

Title (fr)  
Axe de tambour de machine à laver

Publication  
**EP 0874078 A3 19990303 (EN)**

Application  
**EP 98500050 A 19980218**

Priority  
ES 9700352 A 19970219

Abstract (en)  
[origin: EP0874078A2] Improvements introduced for the drum spindle of the automatic washing machines being of the kind of those where the spindle remains interlocked to the washing machine drum and crosses the tank body, for which it has a pair of bearings that allow the turn of the spindle with regard to the tank, so that the spindle (1), with a constant diameter, has an independent ferrule that clasps to the same in relationship to the external part of interlocked union to the drum body (2), which remains placed in collaboration with the o-ring seal (9) between the cited drum body (2) and the internal bearing (6). <IMAGE>

IPC 1-7  
**D06F 37/00**

IPC 8 full level  
**D06F 37/00** (2006.01)

CPC (source: EP US)  
**D06F 37/00** (2013.01 - EP US)

Citation (search report)  
• [X] DE 1460896 A1 19690430 - CONSTRUCTA WERKE GMBH  
• [A] FR 2172720 A5 19730928 - SKF IND TRADING & DEV [NL]  
• [A] DE 4422853 A1 19960104 - MIELE & CIE [DE]

Cited by  
US2014003754A1; CN115592630A; ES2230995A1; EP2679715A1; US2012006068A1; US9187857B2; US9404209B2; US9309615B2; US9003839B2

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 0874078 A2 19981028; EP 0874078 A3 19990303**

DOCDB simple family (application)  
**EP 98500050 A 19980218**