

Title (en)  
WASHING MACHINE DRUM

Publication  
**EP 0360059 B1 19930602 (DE)**

Application  
**EP 89116249 A 19890902**

Priority  
DE 3830500 A 19880908

Abstract (en)  
[origin: EP0360059A1] Water-saving apparatus - washing at extremely low liquor fill levels. To shorten the fabric wetting times, the rotating drum itself should additionally convey rinse liquor into the interior of the drum. In existing washing machines, the drum ribs are perforated and configured as scooping vessels. However, to this end the washing drum must dip into the rinse liquor. In the new drum washing machine, the liquor level can be lowered to a level below the drum. This reduces water consumption even further; yet the wetting is still relatively rapid. In the apparatus according to the present invention, the drum (2) possesses a scooping ring (11) of a relatively large diameter with radially disposed scooping compartments (12). These dip into the liquor level (16, 17) underneath the drum (2) and with the aid of laterally disposed scooping compartment feed openings (15) and drum inlet openings (13) convey the washing liquor on to the textile goods by virtue of the rotation of the drum (2). The new drum washing machine is suitable in particular for domestic use. <IMAGE>

IPC 1-7  
**D06F 23/02**

IPC 8 full level  
**D06F 23/02** (2006.01)

CPC (source: EP)  
**D06F 37/065** (2013.01)

Cited by  
GR920100177A; EP2463432A1; US7610781B2; EP2270272A1; EP2489773A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0360059 A1 19900328; EP 0360059 B1 19930602**; DE 3830500 A1 19900322; DE 3830500 C2 19930204; DE 58904555 D1 19930708

DOCDB simple family (application)  
**EP 89116249 A 19890902**; DE 3830500 A 19880908; DE 58904555 T 19890902