

Title (en)  
CONTAINER-WASHING MACHINE

Publication  
**EP 0345470 B1 19920729 (DE)**

Application  
**EP 89108215 A 19890506**

Priority  
DE 3819126 A 19880604

Abstract (en)  
[origin: EP0345470A1] A washing machine for containers, such as ampoules (1), bottles or the like, has a circumferential conveying apparatus (20) which feeds the containers to spraying and blow-out apparatuses (16). For holding the containers, the conveying apparatus has on one conveying wheel (21) radially projecting tongs (22), four of which are arranged on one carrier (30) in each case. The carriers (30) are arranged rotatably on the conveying wheel by means of shafts (31) so that the containers fed in for spraying and blowing out in an upright position can be turned. In order to be able to keep the containers at a distance which is as small and as even as possible and to avoid collisions during turning, the carriers (30) are also arranged so as to be radially displaceable on the conveying wheel (21). Guide rollers (44, 45), guided in guide grooves (51, 55, 56), displace the shafts bearing the carriers during rotation of the conveying wheel. <IMAGE>

IPC 1-7  
**B08B 9/42**

IPC 8 full level  
**B08B 9/42** (2006.01)

CPC (source: EP)  
**B08B 9/426** (2013.01)

Cited by  
CN106111646A; CN103223410A; CN106111644A; EP0854102A1; US6079541A; EP0483712A1; EP1532916A3; CN103157623A; DE102014110107A1; DE102014110107B4; US10494245B2; WO2019207155A1

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