

Title (en)  
DEVICE FOR CLEANING CONTAINERS

Publication  
**EP 0457189 A3 19930609 (DE)**

Application  
**EP 91107522 A 19910508**

Priority  
DE 9005694 U 19900518

Abstract (en)  
[origin: EP0457189A2] Device for cleaning containers, in particular containers 5 for hazardous liquids which .... in masks 8 arranged on an endless chain belt 4 so as to be matchable to the containers 5 positioned obliquely on their outlet opening 9 .... in a timed fashion through draining stations 21, 22, a cleaning station 34, a further draining station 22 upstream of the cleaning station 34 and in the subsequent draining station 44, the containers 5 can be swivelled and shaken for the purpose of residue emptying. In the cleaning station 34, the inside of the container is sprayed on all sides by a nozzle head 12 and its inner shoulder areas next to the outlet opening 9 are sprayed with cleaning fluid by a further nozzle arrangement 35 and the threaded connecting piece 38 of the outlet opening 9 is sprayed from the outside by a nozzle ring 36 which is moved into and onto the containers 5 on a lance 14. <IMAGE>

IPC 1-7  
**B08B 9/093**

IPC 8 full level  
**B08B 9/08** (2006.01); **B08B 9/093** (2006.01)

CPC (source: EP)  
**B08B 9/0813** (2013.01); **B08B 9/0826** (2013.01); **B08B 9/093** (2013.01)

Citation (search report)  
• [Y] US 2717608 A 19550913 - BALDWIN DONALD G  
• [Y] DE 2900285 B1 19800228 - GUTEHOFFNUNGSHUETTE STERKRADE

Cited by  
DE9417631U1; CN105329609A; IT201900003837A1; GB2410177A; EP1047509A4; CN113664003A; WO0018522A1

Designated contracting state (EPC)  
DE FR GB IT

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