

Title (en)  
CLEANING WATER DISCHARGE APPARATUS

Title (de)  
WASCHWASSERABGEBENDE VORRICHTUNG

Title (fr)  
APPAREIL DE DECHARGE D'EAU DE LAVAGE

Publication  
**EP 1036889 A1 20000920 (EN)**

Application  
**EP 98937832 A 19980814**

Priority  

- JP 9803633 W 19980814
- JP 22049997 A 19970815
- JP 34884497 A 19971218
- JP 10699098 A 19980401

Abstract (en)  
A wash water spouting apparatus has a wash water spouting device, a wash water supplying device for supplying the wash water spouting device with wash water and an air bubble mixing device for mixing air bubbles with the wash water passing through a wash water passage. The wash water spouting apparatus spouts a bubble flow wherein a large number of micro air bubbles are dispersed in the wash water. <IMAGE>

IPC 1-7  
**E03C 1/042**; **E03C 1/084**; **E03D 9/08**

IPC 8 full level  
**E03C 1/084** (2006.01); **E03D 9/08** (2006.01)

CPC (source: EP KR)  
**E03C 1/084** (2013.01 - EP KR); **E03D 9/08** (2013.01 - EP)

Cited by  
KR20020004562A; CN102900137A; EP1001095A3; EP1001095A2; US6588682B1

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CH DE GB LI

DOCDB simple family (publication)  
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**EP 98937832 A 19980814**; AU 8649398 A 19980814; CN 98810088 A 19980814; JP 2000509911 A 19980814; JP 9803633 W 19980814; KR 20007001545 A 20000215; TW 87118790 A 19981111