

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

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- 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)
EP 1036889 A1 20000920; **EP 1036889 A4 20010124**; AU 8649398 A 19990308; CN 1275180 A 20001129; JP 3702787 B2 20051005; KR 20010022937 A 20010326; TW 387026 B 20000411; WO 9909265 A1 19990225

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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