

Title (en)
Cleaning device

Title (de)
Reinigungsvorrichtung

Title (fr)
Dispositif de nettoyage

Publication
EP 0940509 A3 19991110 (DE)

Application
EP 99100844 A 19990119

Priority
DE 19808669 A 19980302

Abstract (en)
[origin: EP0940509A2] A toilet bowl cleaner has outlet openings along the joint of its two halves (26, 28) such that at least one outlet opening is always provided for dissolved cleaning agent. A toilet bowl cleaner has outlet openings arranged opposite one another in alternating sequence with spacer webs in different planes along the separation line of the two cleaner halves (26, 28) such that, independently of the flushing water level in the cleaner housing (10), at least one outlet opening is constantly provided for the agent dissolved by the flushing water.

IPC 1-7
E03D 9/03

IPC 8 full level
E03D 9/03 (2006.01)

CPC (source: EP)
E03D 9/032 (2013.01)

Citation (search report)
• [AD] DE 19520145 A1 19961205 - HENKEL KGAA [DE]
• [A] FR 2200414 A1 19740419 - HENKEL & CIE GMBH [DE]
• [A] FR 2258320 A1 19750818 - OREAL [FR]
• [A] DE 1814397 A1 19700625 - CHEMIEZELL GMBH
• [A] FR 2022590 A1 19700731 - DURING AG

Cited by
DE10157593A1; DE10124554A1; EP1258571A3; EP1223113A1; USD850578S; EP1258571A2; USD912761S; USD841120S; WO03043906A1; EP1936049A3; EP1936050A3; EP1936051A3; EP3214232A1; US10344462B2; FR2841577A1; EP3246477A1; ITUA20163446A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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