

Title (en)

Sanitary article, in particular a shower head, with a switching device to influence a fluid flow

Title (de)

Sanitärgegenstand, insbesondere Handbrause, mit einer Umschaltteinrichtung zur Beeinflussung einer Flüssigkeitsströmung

Title (fr)

Article sanitaire, en particulier une pomme de douche, avec un dispositif de commutation pour influencer un débit de fluide

Publication

EP 1020571 B1 20050810 (DE)

Application

EP 00100527 A 20000112

Priority

- DE 19901704 A 19990118
- US 48344200 A 20000114

Abstract (en)

[origin: EP1020571A2] The hand shower unit has a switch system (2) to affect the fluid flow. It has an inlet (6) and outlet (7) for the water and an air suction unit which acts as a water spray pump, which is switched (2) on and off. It has at least one pump spray opening (38) which opens into the pump zone (40), through at least one air feed channel connected to the ambient environment. The passage cross section between the water inlet (6) and outlet (7) is expanded when the air suction system is switched off.

IPC 1-7

E03C 1/084

IPC 8 full level

B05B 7/04 (2006.01); **B05B 7/12** (2006.01); **E03C 1/084** (2006.01)

CPC (source: EP US)

B05B 7/0425 (2013.01 - EP US); **B05B 7/1209** (2013.01 - EP US); **E03C 1/0409** (2013.01 - EP US); **E03C 1/084** (2013.01 - EP US)

Cited by

EP2359726A4; CN102667018A; CN113544347A; EP2578319A1; DE102011114945A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1020571 A2 20000719; **EP 1020571 A3 20010905**; **EP 1020571 B1 20050810**; AT E301745 T1 20050815; DE 19901704 A1 20000803; DE 50010893 D1 20050915; DK 1020571 T3 20051114; ES 2246756 T3 20060301; US 6357675 B1 20020319

DOCDB simple family (application)

EP 00100527 A 20000112; AT 00100527 T 20000112; DE 19901704 A 19990118; DE 50010893 T 20000112; DK 00100527 T 20000112; ES 00100527 T 20000112; US 48344200 A 20000114