

Title (en)
Shower head and insertable capsule or soluble tablet

Title (de)
Duschkopf und einführbare Kapsel oder lösliche Tablette

Title (fr)
Pommeau de douche et capsule insérable ou comprimé soluble

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EP 10000176 A 20100111

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Abstract (en)
The present invention relates to a shower head (1) with a chamber that is adapted to receive a capsule or a soluble tablet (24). According to the invention, the shower head (1) comprises at least two chambers (5a,5b,5c,5d), each of the at least two chamber being adapted to receive a capsule or a soluble tablet (24), each chamber being arranged between the water connection (2) and the nozzle (3), and each chamber (5a,5b,5c,5d) being adapted to be selectively purged by clean water in order to dissolve a substance contained in the capsule or to dissolve the soluble tablet, and to mix the substance with clean water directed from the water connection through the chamber (5a,5b,5c,5d) to the nozzle (3). According to the invention, at least one opening through which water coming from the water connection (2) may enter the chamber (5'), is alternatively adapted to selectively be aligned with one of at least two different segments (26a,26b,26c,26d) of the capsule or soluble tablet (24). The invention also relates to a capsule or soluble tablet (24) for the use in a shower head (1), the capsule or soluble tablet (24) containing a soluble substance. According to the invention, the capsule or soluble tablet (24) comprises at least two different substances that are contained separately in the capsule or soluble tablet (24).

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B05B 1/3026 (2013.01)

Citation (applicant)
• US 5957387 A 19990928 - PORTA GIOVANNI [IT], et al
• US 4009831 A 19770301 - ARAD AVI, et al

Citation (search report)
• [XI] DE 102007014041 A1 20070927 - PACKCENTER SRL [IT]
• [XA] JP 2000079357 A 20000321 - MYM CORP
• [A] WO 2008037869 A1 20080403 - GUEMRIRENE FARIDA [FR], et al

Cited by
ITBO20120204A1; ITBO20120073A1; CN103611643A; WO2014121902A1; WO2013131617A1; WO2013156921A1; EP3570983A4;
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