

Title (en)
Shower head

Title (de)
Duschkopf

Title (fr)
Pomme de douche

Publication
EP 1738832 A1 20070103 (DE)

Application
EP 06004884 A 20060310

Priority
DE 202005004182 U 20050314

Abstract (en)
The shower head has an inlet side pipe connection (11) to which is connected a water outlet via a flow passage. A nozzle-like cross sectional convergence (20) is provided in the flow passage between the pipe connection and water outlet, and on the outlet side of the convergence a cross sectional divergence (22) is provided in the direction of the water outlet. The water outlet is formed by a number of outlet orifices (54) which are located on several circles concentric to the center axis of the water outlet and preferably in a plane at right angles to the direction of flow.

IPC 8 full level
B05B 1/18 (2006.01); **B05B 7/04** (2006.01); **E03C 1/084** (2006.01)

CPC (source: EP)
B05B 1/18 (2013.01); **B05B 7/0425** (2013.01); **E03C 1/084** (2013.01)

Citation (applicant)
EP 1273724 A1 20030108 - TOTO LTD [JP]

Citation (search report)
• [XAY] EP 1273724 A1 20030108 - TOTO LTD [JP]
• [X] DE 3828111 A1 19900222 - BROECKER ERNST H [DE]
• [X] FR 628905 A 19271031
• [Y] WO 9724969 A1 19970717 - MACIN ALFREDO ESPINOSA [MX], et al
• [Y] DE 9418847 U1 19950216 - ZVONKO ZDJELAR [DE]

Cited by
CN111032972A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1738832 A1 20070103; EP 1738832 B1 20090902; AT E441483 T1 20090915; DE 202005004182 U1 20050602;
DE 502006004713 D1 20091015

DOCDB simple family (application)
EP 06004884 A 20060310; AT 06004884 T 20060310; DE 202005004182 U 20050314; DE 502006004713 T 20060310