

Title (en)  
Massage shower head

Title (de)  
Massagebrause

Title (fr)  
Douche de massage

Publication  
**EP 0900597 A3 19990908 (DE)**

Application  
**EP 98115860 A 19980822**

Priority  
DE 19738270 A 19970902

Abstract (en)  
[origin: EP0900597A2] Shower head has impeller (15) with vanes (16) and is driven by water pressure through jets (7) spaced around the head. A slider (9) around the rim of the shower head slides over radial outlets (17,18) at two different angles. In any position, sum total of output from any two jets is constant, while rotational speed of impeller changes. This ensures that pulsation effect of the spray jets is altered without altering the water flow rate.

IPC 1-7  
**B05B 3/04**; B05B 1/08; B05B 1/18

IPC 8 full level  
**B05B 3/04** (2006.01); **B05B 1/18** (2006.01); **B05B 15/06** (2006.01)

CPC (source: EP)  
**B05B 3/04** (2013.01); **B05B 1/185** (2013.01)

Citation (search report)

- [XA] US 3801019 A 19740402 - TRENARY J, et al
- [XA] GB 2121319 A 19831221 - TELEDYNE IND
- [XA] DE 2753857 A1 19780615 - HEXAGEAR IND LTD
- [A] FR 2390211 A1 19781208 - TELEDYNE IND [US]

Cited by  
DE102013207687A1; WO2014173871A1; CN104874492A; CN117282559A; DE102013207679B3; CN105592932A; RU2629083C2; CN100444971C; CN115253880A; US9656281B2; US6607148B1; US6659372B2; US6533194B2; EP2796205A1; US9295996B2

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 0900597 A2 19990310**; **EP 0900597 A3 19990908**; **EP 0900597 B1 20060125**; DE 19738270 A1 19990304; DE 59813356 D1 20060413; DK 0900597 T3 20060515; ES 2257790 T3 20060801; SI 0900597 T1 20060630

DOCDB simple family (application)  
**EP 98115860 A 19980822**; DE 19738270 A 19970902; DE 59813356 T 19980822; DK 98115860 T 19980822; ES 98115860 T 19980822; SI 9830828 T 19980822