

Title (en)
IMPROVEMENTS IN OR RELATING TO SPRAY FITTINGS

Title (de)
SPRÜHKOPF

Title (fr)
PERFECTIONNEMENTS APPORTES A OU CONCERNANT DES ACCESSOIRES DE JET

Publication
EP 1077773 A1 20010228 (EN)

Application
EP 99922322 A 19990514

Priority
• GB 9901547 W 19990514
• GB 9810413 A 19980516

Abstract (en)
[origin: GB2337471A] A shower handset 1 has a plurality of spray nozzles 28 arranged in concentric arrays 28. The innermost and outermost arrays of nozzles 28a, 28b, and 28c, 28d are permanently open. The intermediate arrays of nozzles 28e, 28f are of increased axial length providing integral valve seats at the inner ends. A valve plate 16 is axially movable in response to rotation of manually operable control member 17 to co-operate with the valve seats to close one or both intermediate arrays of nozzles 28e, 28f to control the water flow through the handset 1. In an alternative arrangement (Figures 6 and 7), each intermediate array of nozzles 28e, 28f has a common valve seat.

IPC 1-7
B05B 1/18; **B05B 1/16**

IPC 8 full level
B05B 1/16 (2006.01); **B05B 1/18** (2006.01); **B05B 15/02** (2006.01); **B05B 15/528** (2018.01); **B05B 15/06** (2006.01)

CPC (source: EP)
B05B 1/1609 (2013.01); **B05B 1/1645** (2013.01); **B05B 1/185** (2013.01); **B05B 15/528** (2018.01); **B05B 1/18** (2013.01); **B05B 15/62** (2018.01)

Citation (search report)
See references of WO 9959726A1

Cited by
CN107638965A

Designated contracting state (EPC)
DE FR GB IE IT

DOCDB simple family (publication)
GB 2337471 A 19991124; **GB 2337471 A8 20000209**; **GB 2337471 B 20020116**; **GB 9810413 D0 19980715**; AU 3942699 A 19991206; EP 1077773 A1 20010228; GB 0029433 D0 20010117; GB 2354191 A 20010321; GB 2354191 B 20020424; IL 139652 A0 20020210; IL 139652 A 20040831; WO 9959726 A1 19991125

DOCDB simple family (application)
GB 9810413 A 19980516; AU 3942699 A 19990514; EP 99922322 A 19990514; GB 0029433 A 19990514; GB 9901547 W 19990514; IL 13965299 A 19990514