

Title (en)
A forced discharge compressed-air operated device for sanitary fixtures

Title (de)
Eine mit Druckluft bediente Abflussvorrichtung für Sanitäranlagen

Title (fr)
Un dispositif d'évacuation actionné par air comprimé pour appareil sanitaire

Publication
EP 0806527 B1 20020918 (EN)

Application
EP 97106779 A 19970424

Priority
IT PG960013 A 19960508

Abstract (en)
[origin: EP0806527A2] A forced discharge device for sanitary fixtures comprises a generally cylindrical body (11), which is shaped with an inlet opening (12) and an outlet opening (13); a cup-shaped element that moves in the body between an extended position, in which it closes the inlet opening and a retracted position in which it leaves said inlet opening free; a distributor element (16) fixed in the body, having ducts for compressed air; a twin piston element (15) movable inside the cup between a retracted position and an extended expelling position. The device is suitable for sanitary fixtures of various types, including tip-up foldaway fixtures. The device operates efficiently and reliably even in situations in which the discharge has a very small section or an upward, long or winding course; it allows water consumption to be limited; it allows a moderate power consumption. <IMAGE>

IPC 1-7
E03F 1/00

IPC 8 full level
E03D 5/00 (2006.01); **E03F 1/00** (2006.01)

CPC (source: EP)
E03D 5/00 (2013.01); **E03F 1/006** (2013.01)

Cited by
WO02059432A1; US6910231B2; EP1120501A2

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DOCDB simple family (publication)
EP 0806527 A2 19971112; EP 0806527 A3 19980812; EP 0806527 B1 20020918; AT E224486 T1 20021015; DE 69715507 D1 20021024; DE 69715507 T2 20030522; ES 2184001 T3 20030401; IT 1295231 B1 19990504; IT PG960013 A1 19971108

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