

Title (en)  
Adjustable nozzle for detergent dispenser compartments

Title (de)  
Verstellbare Düse für Waschmitteleinspülbehälter

Title (fr)  
Buse orientable pour bacs de produits de lavage

Publication  
**EP 0595736 B1 19970924 (FR)**

Application  
**EP 93420416 A 19931025**

Priority  
• FR 9213433 A 19921030  
• FR 9300996 A 19930126

Abstract (en)  
[origin: EP0595736A1] The present invention relates to a nozzle device (10) orientable about an axis (A) perpendicular to the nozzle, comprising means (18,22) for coupling the nozzle to a cam (26) in order to define, by corresponding sectors of the cam, several rotational positions of the nozzle. The device comprises a feeler (22-1) moved by the rotation of the nozzle; an elastic means (20) pushing the feeler into an inactive position out of range of the sector of the cam with largest radius; and a means (12) for driving the nozzle against the force of the elastic means. A closure piece (11-1) interacts with the nozzle (10) to divert its jet if the nozzle is not in a position defined by a sector of the cam. <IMAGE>

IPC 1-7  
**D06F 39/02**

IPC 8 full level  
**D06F 39/02** (2006.01)

CPC (source: EP US)  
**D06F 39/028** (2013.01 - EP US)

Cited by  
ES2144909A1; EP0839944A3; WO2020015982A1

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**EP 0595736 A1 19940504; EP 0595736 B1 19970924**; DE 69314133 D1 19971030; DE 69314133 T2 19980319; FR 2698387 A1 19940527; FR 2698387 B1 19960814

DOCDB simple family (application)  
**EP 93420416 A 19931025**; DE 69314133 T 19931025; FR 9300996 A 19930126