

Title (en)
SEGMENT ROTARY NOZZLE

Title (de)
SEGMENTROTATIONSDÜSE

Title (fr)
BUSE ROTATIVE A SEGMENTS

Publication
EP 0776252 B1 20001018 (DE)

Application
EP 94926133 A 19940729

Priority
• DE 4326714 A 19930803
• EP 9402529 W 19940729

Abstract (en)
[origin: US5788156A] PCT No. PCT/EP94/02529 Sec. 371 Date Feb. 16, 1996 Sec. 102(e) Date Feb. 16, 1996 PCT Filed Jul. 29, 1994 PCT Pub. No. WO95/03893 PCT Pub. Date Feb. 9, 1995A device for spraying a liquid has a rotating surface, preferably one with an edge apron which is angled obliquely toward the outside, from whose possibly serrated outer spraying edge the liquid is flung out. The rotating surface is partially covered by a housing which is provided with an opening which leaves a partial circumference free. The device has a reservoir and a flow path for collecting retained drops, in whose circulation a pump is provided which is embodied to reunite collected liquid with the inflowing liquid. A conveying surface of a pump, preferably a friction pump, is disposed coaxially with the axis of rotation of the rotating surface.

IPC 1-7
B05B 3/08

IPC 8 full level
B05B 3/08 (2006.01)

CPC (source: EP US)
B05B 3/085 (2013.01 - EP US)

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
US 5788156 A 19980804; DE 4326714 A1 19950209; DE 59409554 D1 20001123; EP 0776252 A1 19970604; EP 0776252 B1 20001018; WO 9503893 A1 19950209

DOCDB simple family (application)
US 59615096 A 19960216; DE 4326714 A 19930803; DE 59409554 T 19940729; EP 9402529 W 19940729; EP 94926133 A 19940729