

Title (en)
ROTARY NOZZLE

Title (de)
ROTIERENDE DÜSE

Title (fr)
AJUTAGE ROTATIF

Publication
EP 2877291 B1 20170412 (EN)

Application
EP 13822345 A 20130726

Priority

- US 201213560423 A 20120727
- US 201261681802 P 20120810
- US 201261681798 P 20120810
- US 201313828582 A 20130314
- US 2013052330 W 20130726

Abstract (en)
[origin: WO2014018892A1] A nozzle is provided having a pattern adjustment valve that may be adjusted to irrigate a substantially rectangular irrigation area. The nozzle may be further adjusted to irrigate three different substantially rectangular irrigation areas. A variable arc nozzle is also provided that includes an arc adjustment valve having elements that cooperate with one another to adjust the valve between a minimum arc position and a maximum arc position. Further, a variable arc nozzle is provided that includes an arc adjustment valve having a segmented valve body with segments of different axial lengths. The valve settings may be selected by pressing down and rotating a deflector to directly actuate the valve. Each nozzle may also include a flow reduction valve that may be adjusted by actuation of an outer wall of the nozzle. Rotation of the outer wall causes a flow control member to move axially to or away from an inlet.

IPC 8 full level
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CPC (source: EP US)
B05B 1/262 (2013.01 - EP US); **B05B 3/021** (2013.01 - EP); **B05B 3/0486** (2013.01 - EP); **B05B 12/16** (2018.01 - EP US)

Cited by
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