

Title (en)

Irrigation nozzle, particularly for large-diameter pipes.

Title (de)

Bewässerungsdüse, insbesondere für Leitungen mit grossem Durchmesser.

Title (fr)

Buse d'irrigation, notamment pour conduites à grands diamètres.

Publication

EP 0401887 A1 19901212 (EN)

Application

EP 90201267 A 19900518

Priority

IT 2078889 A 19890605

Abstract (en)

The nozzle comprises first means (1-7) for the creation of a main jet having variable length and conformation and second means (9, 10, 11, 30) for the creation of a plurality of secondary jets, at reduced pressure, which surround the main jet. The first means (1-7) comprise an internal tubular casing (1) which can be supplied with a delivery liquid at one extremity and provided with radial openings (3) for the outflow of the liquid at the other extremity and an external sleeve (5) which can be screwed on and unscrewed from the internal casing (1) to open and close a central passage (7) for the outflow of the liquid. The second means (9, 10, 11, 30) comprise a terminal wall (30) of the sleeve (5) provided with a plurality of circumferentially spaced holes (11) over which there is rotatably superimposed a cap (10) provided with a similar plurality of circumferentially spaced holes (9), which can be aligned or otherwise with the holes (11) of the terminal wall of the sleeve (5) for their opening or closing in relation to the angular position of the cap (10).

IPC 1-7

B05B 1/12

IPC 8 full level

B05B 1/12 (2006.01); **B05B 1/16** (2006.01)

CPC (source: EP KR)

B05B 1/00 (2013.01 - KR); **B05B 1/1609** (2013.01 - EP)

Citation (search report)

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