

Title (en)
SPRAY DEVICE

Title (de)
SPRÜHVORRICHTUNG

Title (fr)
DISPOSITIF DE PULVERISATION

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Application
EP 15715735 A 20150413

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EP 2015057989 W 20150413

Abstract (en)

[origin: WO2016165738A1] The invention relates to a spraying device, in particular for irrigating green spaces, comprising a housing (14), in which a provision conduit (26) for liquid is arranged or formed, and a spraying unit (18) for spraying a liquid, which is movably held on the housing (14). Said spraying unit (18) has two or more nozzle elements (46, 48, 50, 52) and two or more supply conduits (54, 56, 58, 60) for liquid associated with a corresponding nozzle element (46, 48, 50, 52) and fluidically connected to said nozzle element (46, 48, 50, 52). The nozzle elements (46, 48, 50, 52) can be used to provide different spraying patterns and the spraying pattern can be changed by moving the spraying unit (18) relative to the housing (14), the provision conduit (26) being fluidically connected to the supply conduit (54, 56, 58, 60) associated therewith in a spraying position of the respective nozzle element (46, 48, 50, 52). The aim of the invention is to provide a spraying device of the above type which is more user-friendly. For this purpose, a sealing device (74) forms a spraying position sealing contour (112) which borders, in a spraying position sealing region (126), an outlet opening (86) of the provision conduit (26) and, in the spraying position of the respective nozzle element (46, 48, 50, 52), the inlet opening (62, 64, 66, 68) of the supply conduit (54, 56, 58, 60) associated therewith to provide a sealed fluid connection. The inlet opening (62, 64, 66, 68) of a corresponding other supply conduit (54, 56, 58, 60) is located outside the spraying position sealing region (126). The sealing device (74) forms a residual liquid sealing contour (110) which borders the inlet opening (62, 64, 66, 68) of the at least one further supply conduit (54, 56, 58, 60) in a residual liquid sealing region (128) to provide a seal between the housing (14) and the spraying unit (18).

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