

Title (en)  
WATER APPLICATION DEVICE WITH CRITICAL AREA PROTECTORS

Title (de)  
WASSERAPPLIKATIONSVORRICHTUNG MIT PROTEKTOREN FÜR KRITISCHE BEREICHE

Title (fr)  
DISPOSITIF D'APPLICATION D'EAU AVEC PROTECTEURS DE ZONE CRITIQUE

Publication  
**EP 3119527 B1 20180801 (EN)**

Application  
**EP 14712268 A 20140320**

Priority  
EP 2014055645 W 20140320

Abstract (en)  
[origin: WO2015139757A1] A water application device (10, 100) may include a main body (20, 110) graspable along a handle portion (22, 119) thereof by an operator, an operable member (30, 140), and a flow channel. The main body (20, 110) may house a flow control assembly (50) configured to enable the device to execute a control function relative to flow of water through the device. The operable member (30, 140) may be operably coupled to the main body to interface with the flow control assembly (50) to alternately provide flow and stop flow through the device. The flow channel may be formed inside the main body to define a flow path between an inlet portion (26, 114) and an outlet portion (24, 112) of the device. The flow channel may define a plurality of critical areas in which water is enabled to collect when the water application device is not applying water. At least a first compensator (302) may be provided in a first critical area and at least a second compensator (302, 304, 308) may be provided in a second critical area. The first and second compensators (302, 304, 306, 308) may include compressible material configured to enable the first and second compensators to be compressed within the first and second critical areas, respectively, to increase an effective volume of the first critical area and the second critical area.

IPC 8 full level  
**B05B 9/01** (2006.01); **B05B 1/30** (2006.01); **B05B 12/00** (2018.01); **B05B 15/14** (2018.01); **E03B 7/10** (2006.01)

CPC (source: EP US)  
**B05B 9/01** (2013.01 - EP); **B05B 12/0024** (2018.07 - EP US); **B05B 15/14** (2018.01 - EP); **B05B 1/3013** (2013.01 - EP)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2015139757 A1 20150924**; CN 106102929 A 20161109; EP 3119527 A1 20170125; EP 3119527 B1 20180801; TW 201536424 A 20151001; TW I641424 B 20181121

DOCDB simple family (application)  
**EP 2014055645 W 20140320**; CN 201480077160 A 20140320; EP 14712268 A 20140320; TW 104103282 A 20150130