

Title (en)
CONTROL DEVICE OF WATER SPRAY GUN

Title (de)
STEUERVORRICHTUNG FÜR EINE WASSERSPRITZPISTOLE

Title (fr)
DISPOSITIF DE COMMANDE DE PISTOLET DE PULVÉRISATION D'EAU

Publication
EP 4249126 A1 20230927 (EN)

Application
EP 22164581 A 20220325

Priority
EP 22164581 A 20220325

Abstract (en)
A control device of a water spray gun is revealed. The water spray gun includes a handle portion and a tubular portion connected with each other. The handle portion consists of a first water channel with a water input end, and a second water channel while the tubular portion is composed of a third water channel and a spray head. The second water channel is extended and connected to the third water channel while the control device is disposed on the handle portion and used for being operated by pressing to control the amount of water flow from the first water channel to the second water channel or turn off the water flow into the second water channel. The water flow is further flowing to the third water channel and sprayed out of the spray head. Thereby various amounts of water are sprayed out in a multi-stage manner or just turned off.

IPC 8 full level
B05B 1/30 (2006.01); **B05B 1/16** (2006.01); **B05B 3/04** (2006.01); **B05B 12/00** (2018.01)

CPC (source: EP)
B05B 1/3013 (2013.01); **B05B 12/0022** (2018.07); **B05B 1/1654** (2013.01); **B05B 3/0463** (2013.01)

Citation (applicant)
• EP 20178634 A 20200606
• US 7434750 B2 20081014 - ROMAN GIANFRANCO [IT]

Citation (search report)
• [X] EP 3919182 A1 20211208 - YUAN MEI CORP [TW]
• [A] US 2005205692 A1 20050922 - EDAMURA BRIAN D [CA]
• [A] WO 2016155834 A1 20161006 - HUSQVARNA AB [SE]
• [X] JP 5412659 B2 20140212
• [X] US 2009008476 A1 20090108 - BONET VILLORIA FERNANDO [ES], et al

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

Designated extension state (EPC)
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