

Title (en)
Liquid sprayer

Title (de)
Flüssigkeitszerstäuber

Title (fr)
Pulvérisateur de liquide

Publication
EP 2662149 A3 20140903 (EN)

Application
EP 13166099 A 20130501

Priority
• JP 2012106349 A 20120507
• US 201213619831 A 20120914

Abstract (en)
[origin: EP2662149A2] A liquid sprayer (1) comprising a spray liquid storage unit (5) and a main body for supporting the spray liquid storage unit inside itself. The spray liquid storage unit includes a core (34) for soaking up spray liquid stored in a storage tank to an outside of the storage tank. The main body includes a lid member (2) to be put on a support member (3) for supporting the spray liquid storage unit so that the lid member can be opened and closed. A spray hole (8) is formed in a position of the lid member facing a front face of the core of the spray liquid storage unit supported by the support member when the lid member is closed onto the support member, a transducer (44) facing the spray hole is disposed inside the lid member, and the transducer disposed inside the lid member is in close contact with and pressed against the front face of the core of the spray liquid storage unit supported by the support member when the lid member is closed onto the support member.

IPC 8 full level
B05B 17/00 (2006.01); **B05B 17/06** (2006.01)

CPC (source: EP)
B05B 17/0646 (2013.01); **B05B 17/0684** (2013.01)

Citation (search report)
• [X] US 2011011948 A1 20110120 - HUANG CHARLIE [TW]
• [X] JP 2011075196 A 20110414 - SANYO ELECTRIC CO, et al
• [A] US 2008041972 A1 20080221 - CHEN WEN-PIN [TW], et al
• [A] US 2004074984 A1 20040422 - MARTENS EDWARD J [US], 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)
BA ME

DOCDB simple family (publication)
EP 2662149 A2 20131113; EP 2662149 A3 20140903; EP 2662149 B1 20170628

DOCDB simple family (application)
EP 13166099 A 20130501