

Title (en)
CLASP FOR SPRAY NOZZLE ASSEMBLY

Title (de)
VERSCHLUSS FÜR EINE SPRITZDÜSENANORDNUNG

Title (fr)
AGRAFE POUR ENSEMBLE DE BUSE DE PULVÉRISATION

Publication
EP 2771123 A4 20150805 (EN)

Application
EP 12844492 A 20121029

Priority
• AU 2011904514 A 20111028
• AU 2012001318 W 20121029

Abstract (en)
[origin: WO2013059882A1] A clasp for a spray nozzle assembly including at least one wear part (70,150) made from a hard and abrasion resistant material and a protective housing (110) made from a strong and resilient material and having a downstream chamber (118) adapted to receive one or more of the wear parts (70,150) in releasably trapped relationship, the downstream chamber (118) having a wall (134) including a post (137) defined by a slot (138) in the downstream chamber wall (134) either side of the post (137), the post (137) including an inwardly extending protuberance 145 at or near its end and adapted to prevent the wear part (70,150) from escaping from the downstream chamber (118)

IPC 8 full level
B01D 1/16 (2006.01); **B05B 1/02** (2006.01); **B05B 1/30** (2006.01); **B05B 1/34** (2006.01); **B05B 15/00** (2006.01); **B05B 15/18** (2018.01); **B05B 15/40** (2018.01)

CPC (source: CN EP)
B05B 1/3006 (2013.01 - CN EP); **B05B 1/3426** (2013.01 - CN EP); **B05B 1/3436** (2013.01 - CN EP); **B05B 15/18** (2018.01 - EP); **B05B 15/40** (2018.01 - EP); **B05B 1/3421** (2013.01 - CN EP)

Citation (search report)
• [E] EP 2842638 A1 20150304 - DELAVAN LTD [GB], et al
• [A] DE 102006025301 A1 20071206 - NEOPERL GMBH [DE]
• See references of WO 2013059882A1

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 2013059882 A1 20130502; CN 104159674 A 20141119; CN 104159674 B 20170524; DK 2771123 T3 20210315; EP 2771123 A1 20140903; EP 2771123 A4 20150805; EP 2771123 B1 20201209

DOCDB simple family (application)
AU 2012001318 W 20121029; CN 201280064556 A 20121029; DK 12844492 T 20121029; EP 12844492 A 20121029