

Title (en)
SPRAY GUN AND PORTABLE MIST-GENERATING APPARATUS

Title (de)
SPRITZPISTOLE UND TRAGBARER NEBELERZEUGER

Title (fr)
PISTOLET DE PULVÉRISATION ET APPAREIL DE PRODUCTION DE BROUILLARD PORTABLE

Publication
EP 2624961 B1 20180314 (EN)

Application
EP 11778934 A 20111010

Priority
• GB 201016967 A 20101008
• GB 2011001459 W 20111010

Abstract (en)
[origin: WO2012046010A1] A spray gun (3) is provided, which comprises an twin fluid atomising nozzle (50) which atomises a process fluid by interaction with a driving fluid. The nozzle (50) including a driving fluid passage having a driving fluid inlet, a driving fluid outlet, and a throat portion intermediate the driving fluid inlet and driving fluid outlet. The throat portion has a cross sectional area which is less than that of both the driving fluid inlet and the driving fluid outlet. The nozzle (50) also includes a process fluid outlet located at, or downstream of, the driving fluid throat. The spray gun (3) further comprises a flow adjustment device (70) connectable to supplies of the driving and process fluids. The flow adjustment device (70) is adapted to selectively vary the ratio of process fluid to driving fluid supplied to the nozzle (50). A mist-generating apparatus incorporating this spray gun (3) is also provided.

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