

Title (en)

BATTERY OPERATED SPRAY HEAD RETROFITTABLE ONTO EXISTING PUMP SPRAY CONTAINERS AND PRODUCING SUBSTANTIALLY CONTINUOUS SPRAY

Title (de)

BATTERIEBETRIEBENER SPRÜHKOPF ZUR UMMONTAGE AUF EINEN VORHANDENEN PUMPSPRÜHBEHÄLTER UND ZUR HERSTELLUNG EINES SUBSTANTIELL KONTINUIERLICHEN SPRAYS

Title (fr)

TETE DE PULVERISATION ACTIONNEE PAR BATTERIE ADAPTABLE SUR DES CONTENANTS DE PULVERISATION A POMPE EXISTANTS ET PRODUISANT UNE PULVERISATION SENSIBLEMENT CONTINUE

Publication

EP 1836396 A2 20070926 (EN)

Application

EP 06717853 A 20060110

Priority

- US 2006000701 W 20060110
- US 3460005 A 20050113

Abstract (en)

[origin: US2006153707A1] A battery operated spray pump includes a piston pump having a double wave cam which is pushed by a pair of rotating cam pushers coupled to the electric motor via a gear transmission. The double wave cam has an unequal duty cycle, i.e. takes more time to expel fluid from the piston cylinder than it takes to fill the cylinder. The cam pushers rotate at a speed which, in conjunction with the duty cycle of the cam, produces a low pressure nearly constant stream.

IPC 8 full level

F04B 17/00 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2006076297A2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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