

Title (en)
DROP-IN FILTER FOR SPRAY GUN RESERVOIR

Title (de)
EINLEGBARER FILTER FÜR SPRITZPISTOLENBEHÄLTER

Title (fr)
FILTRE PLONGEANT POUR RESERVOIR DE PISTOLET A PEINTURE

Publication
EP 1572374 B1 20060628 (EN)

Application
EP 03814637 A 20031202

Priority
• GB 0229399 A 20021218
• US 0338072 W 20031202

Abstract (en)
[origin: WO2004060575A1] A liquid supply assembly for use with a spray gun (Figure 1) comprises a reservoir 9 provided with a drop-in filter 10 for removing solid particles from liquid added to the reservoir 9. The reservoir 9 has a lid 12 with an outlet opening 12E connectable via a spout 16 to the spray gun and a separate inlet opening 12D in which a support collar 27 of the filter 10 is located. The filter 10 comprises a tubular mesh body 10A having an open end and a closed end. The open end is connected to the support collar 27 and the mesh body 10A extends away from the inlet opening 12D within the reservoir 9. The mesh body 10A is sized to pass through the filler opening 12D and has a high flow capacity to permit rapid filling of the reservoir 9. The filter 10 may be left in place when the reservoir 9 is connected to the spray gun and the reservoir 9 may be discarded together with the filter 10 after use.

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B05B 7/24 (2006.01)

CPC (source: EP)
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WO 2004060575 A1 20040722; AT E331570 T1 20060715; AU 2003300803 A1 20040729; CA 2506454 A1 20040722; CA 2506454 C 20120124; CN 100371087 C 20080227; CN 1726088 A 20060125; DE 60306550 D1 20060810; DE 60306550 T2 20070705; EP 1572374 A1 20050914; EP 1572374 B1 20060628; GB 0229399 D0 20030122; JP 2006511340 A 20060406; JP 4520308 B2 20100804; RU 2005115839 A 20060120; RU 2336925 C2 20081027

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