

Title (en)

VISCOUS LIQUID APPLICATOR METHOD AND APPARATUS

Title (de)

AUFTRAGSGERÄT- UND METHODE FÜR VISKOSE- FLÜSSIGKEIT

Title (fr)

DISPOSITIF D'APPLICATION POUR LIQUIDES VISQUEUX ET PROCEDE CORRESPONDANT

Publication

EP 1030739 A1 20000830 (EN)

Application

EP 98940954 A 19980818

Priority

- US 9817055 W 19980818
- US 92092097 A 19970829
- US 92471797 A 19970829

Abstract (en)

[origin: WO9911389A2] An apparatus for applying to a surface a viscous liquid includes a wand having a handle, an elongated tubular barrel, an angled adapter, and a sharp-edged spray tip, one of the barrel or the angled adapter being directly connected to the handle while the other of the barrel or the angled adapter being directly connected to the tip. The handle, the barrel and the adapter are arranged such that when the handle is held by an operator in an ergonomic position the axis of the adhesive spray emanates from the tip at approximately ninety (90) degrees to the surface. The elongated tubular barrel has a length between about one and one-half (1.5) and about four (4) feet.

[origin: WO9911389A2] An apparatus for applying to a surface a viscous liquid includes a wand (18) having a handle (20), an elongated tubular barrel (22), an angled adapter (24), and a sharp-edged spray tip (26), one of the barrel or the angled adapter being directly connected to the handle while the other of the barrel or the angled adapter being directly connected to the tip. The handle, the barrel and the adapter are arranged such that when the handle is held by an operator in an ergonomic position the axis of the adhesive spray emanates from the tip at approximately ninety (90) degrees to the surface. The elongated tubular barrel has a length between about one and one-half (1.5) and about four (4) feet.

IPC 1-7

B05C 1/00

IPC 8 full level

B05B 9/04 (2006.01); **B05B 9/08** (2006.01); **B05B 15/06** (2006.01); **B05B 15/65** (2018.01); **B05D 1/02** (2006.01); **E04F 21/20** (2006.01); **B05B 9/00** (2006.01)

CPC (source: EP)

B05B 9/007 (2013.01); **B05B 9/0403** (2013.01); **B05B 15/65** (2018.01); **B05D 1/02** (2013.01)

Citation (search report)

See references of WO 9911389A2

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

WO 9911389 A2 19990311; **WO 9911389 A3 20021003**; AR 013456 A1 20001227; AU 737255 B2 20010816; AU 8911398 A 19990322; BR 9814449 A 20011023; CA 2302464 A1 19990311; CA 2302464 C 20030527; DE 69819195 D1 20031127; DE 69819195 T2 20040609; EP 1030739 A1 20000830; EP 1030739 B1 20031022; JP 2003513769 A 20030415; JP 3613463 B2 20050126

DOCDB simple family (application)

US 9817055 W 19980818; AR P980104324 A 19980828; AU 8911398 A 19980818; BR 9814449 A 19980818; CA 2302464 A 19980818; DE 69819195 T 19980818; EP 98940954 A 19980818; JP 2000508479 A 19980818