

Title (en)

METHOD AND HOT MELT MIX APPLICATOR WITH HEATED HOSE AND APPLICATOR WAND

Title (de)

VERFAHREN UND AUFTRAGEVORRICHTUNG FÜR HEISSSCHMELZGEMISCH MIT BEHEIZTEM ROHR UND AUFTRAGESTAB

Title (fr)

METHODE ET APPLICATEUR DE MELANGE THERMOFUSIBLE COMPORTANT UN TUYAU CHAUFFANT ET UN TUBE DISTRIBUTEUR

Publication

**EP 0908075 A2 19990414 (EN)**

Application

**EP 97932545 A 19970617**

Priority

- US 9711894 W 19970617
- US 67033296 A 19960625
- US 87717097 A 19970617

Abstract (en)

[origin: WO9750278A1] A heating system for a hot melt mix applicator hose (22) and dispenser wand (24) comprises a three phase heating element (30) powered by a generator (166) that is a vehicle alternator (194) driven by an internal combustion engine (52) to heat the hose (22), wand (24), and hot mix material within. A controller (46) communicates with a temperature sensor (122) carried by the hose (22) to selectively energize the generator (166) to provide current to the heating element (30) to maintain the desired hot mix material temperature. The heating element comprises three phase heating element wiring (98, 100, 102) wrapped around the hose (22) and wand (24).

IPC 1-7

**H05B 3/00**; **B67D 5/00**; **E01C 19/00**

IPC 8 full level

**E01C 19/08** (2006.01); **B05C 11/10** (2006.01); **B28C 1/22** (2006.01); **E01C 19/45** (2006.01); **H05B 3/40** (2006.01)

CPC (source: EP)

**B05C 11/1042** (2013.01); **E01C 19/45** (2013.01); **H05B 3/40** (2013.01)

Cited by

CN109208448A

Designated contracting state (EPC)

AT DE ES FR GB IT

DOCDB simple family (publication)

**WO 9750278 A1 19971231**; AT E275318 T1 20040915; BR 9710454 A 19990817; CA 2258612 A1 19971231; CA 2258612 C 20040921; DE 69730500 D1 20041007; DE 69730500 T2 20050120; EP 0908075 A2 19990414; EP 0908075 A4 20000503; EP 0908075 B1 20040901; ES 2227706 T3 20050401; RU 2163651 C2 20010227

DOCDB simple family (application)

**US 9711894 W 19970617**; AT 97932545 T 19970617; BR 9710454 A 19970617; CA 2258612 A 19970617; DE 69730500 T 19970617; EP 97932545 A 19970617; ES 97932545 T 19970617; RU 99101485 A 19970617