

Title (en)

METHOD OF APPLYING DROPLETS OF AN ADHESIVE USING AN INK JET PRINTER APPARATUS

Publication

EP 0172709 B1 19871216 (EN)

Application

EP 85305637 A 19830808

Priority

GB 8222866 A 19820809

Abstract (en)

[origin: EP0172709A1] The invention relates to a method for applying droplets (65) of an adhesive composition to a surface (67) via one or more nozzles (61) characterised in that the nozzle is a nozzle of a continuous ink jet printing apparatus. Preferably, the adhesive is fed under pressure to the nozzle from which the adhesive issues as a single stream (64), the stream is stimulated to break up the stream into substantially uniformly sized and spaced apart droplets, the droplets are selectively charged and passed through a deflecting electric field whereby the droplets are caused to follow a selected flight path either to a selected position on the surface or to a catching means (66).

IPC 1-7

B65C 9/22; B41J 3/04; B05D 1/04

IPC 8 full level

B05D 1/04 (2006.01); **B41J 2/01** (2006.01); **B65C 9/12** (2006.01); **B65C 9/14** (2006.01); **B65C 9/18** (2006.01); **B65C 9/22** (2006.01)

CPC (source: EP)

B05D 1/04 (2013.01); **B41J 2/01** (2013.01); **B65C 9/12** (2013.01); **B65C 9/14** (2013.01); **B65C 9/1815** (2013.01); **B65C 9/2217** (2013.01); **B65C 9/2221** (2013.01)

Cited by

EP0445461A1; EP3533719A1; US9942558B2; US6610353B1; WO0151908A1; JP2006131240A

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0172709 A1 19860226; EP 0172709 B1 19871216; AU 1766183 A 19840216; DK 360783 A 19840210; DK 360783 D0 19830808;
EP 0101278 A2 19840222; EP 0101278 A3 19851009; FI 832840 A0 19830808; FI 832840 A 19840210; ZA 835808 B 19840328

DOCDB simple family (application)

EP 85305637 A 19830808; AU 1766183 A 19830808; DK 360783 A 19830808; EP 83304565 A 19830808; FI 832840 A 19830808;
ZA 835808 A 19830808