

Title (en)

PROCESS FOR APPLYING A FOAMED COATING TO A MEDICAL ADHESIVE TAPE

Title (de)

VERFAHREN ZUM AUFTRAGEN EINER SCHAUMBESCHICHTUNG AUF EIN MEDIZINISCHES KLEBEBAND

Title (fr)

PROCEDE D'APPLICATION D'UNE MOUSSE DE REVETEMENT SUR UNE BANDE MEDICALE ADHESIVE

Publication

EP 0731678 A1 19960918 (EN)

Application

EP 95900523 A 19941104

Priority

- US 9412653 W 19941104
- US 16089393 A 19931201
- US 29240994 A 19940818

Abstract (en)

[origin: WO9515136A1] This invention generally relates to a process for applying a foamed coating to a web and particularly relates to a process for applying a foamed release coating to a porous, pressure sensitive adhesive medical tape backing. The disclosed process may be used, for example, to apply a thin, uniform release coating to a porous pressure sensitive tape and includes the steps of i) forming a porous tape backing having at least one surface from polymeric fibers, ii) forming a foam of a release coating, wherein the foam is prepared by mixing water, the desired coating, and a surfactant to give a foam composition that collapses immediately when the foam composition is applied to the porous tape backing, iii) applying the foam to at least one surface of the porous tape backing to give a coated tape backing, and iv) coating the tape backing with a pressure sensitive adhesive before or after the release coating is applied. A related process to apply a foamed latex adhesive to an elastomeric tape backing is also disclosed.

IPC 1-7

A61F 13/02; C09J 7/04; C09J 5/08; D06M 23/06

IPC 8 full level

A61F 13/02 (2006.01); **C09J 7/21** (2018.01); **D06M 23/04** (2006.01); **D06N 3/00** (2006.01)

CPC (source: EP KR)

A61F 13/0276 (2013.01 - EP KR); **C09J 7/201** (2017.12 - EP); **C09J 7/21** (2017.12 - EP); **D06M 23/04** (2013.01 - EP); **D06N 3/0045** (2013.01 - EP KR); **C09J 2301/302** (2020.08 - EP); **C09J 2400/263** (2013.01 - EP KR)

Citation (search report)

See references of WO 9515136A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

WO 9515136 A1 19950608; CA 2176480 A1 19950608; CN 1136271 A 19961120; EP 0731678 A1 19960918; JP H09506016 A 19970617; KR 960706319 A 19961209

DOCDB simple family (application)

US 9412653 W 19941104; CA 2176480 A 19941104; CN 94194342 A 19941104; EP 95900523 A 19941104; JP 51560695 A 19941104; KR 19960702876 A 19960531