

Title (en)
TEXTILE-SOFTENING AGENT.

Title (de)
GEWEBEWEICHMACHUNGSMITTEL.

Title (fr)
ASSOUPLEISSANT POUR TEXTILES.

Publication
EP 0418273 A1 19910327 (DE)

Application
EP 89906104 A 19890518

Priority
DE 3818013 A 19880527

Abstract (en)
[origin: EP0345495A2] A textile-softening agent for treating textiles in an automatic spin drier consists of a flexible nonwoven impregnated with a textile softener containing a textile-softening substance which flows at ambient temperature admixed with at least one other constituent chosen so that the combination of textile softener and the other constituent has a softening point in the range 30 to 60 DEG C. Preferred textile-softening substances are quaternary ammonium compounds with two 2-acyloxyalkyl groups.

Abstract (fr)
Un assouplissant pour traiter des textiles dans un sèche-linge automatique est constitué d'une structure en nappe souple imprégnée d'un assouplissant pour textile renfermant une substance assouplissante de textile qui coule à température ambiante, en mélange avec un autre constituant choisi de telle manière que la combinaison de l'assouplissant et de l'autre constituant présente un point de ramollissement dans la plage de 30 à 60 °C. Des substances assouplissantes préférées sont des composés d'ammonium quaternaire à deux groupes 2-acyloxyalkyl.

IPC 1-7
C11D 1/62; C11D 17/04

IPC 8 full level
C11D 1/62 (2006.01); **C11D 1/65** (2006.01); **C11D 3/00** (2006.01); **C11D 17/04** (2006.01); **C11D 1/04** (2006.01); **C11D 1/52** (2006.01); **C11D 1/66** (2006.01)

CPC (source: EP)
C11D 1/62 (2013.01); **C11D 1/65** (2013.01); **C11D 1/652** (2013.01); **C11D 3/001** (2013.01); **C11D 17/047** (2013.01); **C11D 1/04** (2013.01); **C11D 1/521** (2013.01); **C11D 1/528** (2013.01); **C11D 1/667** (2013.01)

Citation (search report)
See references of WO 8911527A2

Cited by
US6221363B1

Designated contracting state (EPC)
AT BE CH DE FR IT LI NL

DOCDB simple family (publication)
EP 0345495 A2 19891213; EP 0345495 A3 19900131; DE 3818013 A1 19891130; DE 58902159 D1 19921001; DK 218790 A 19900912; DK 218790 D0 19900912; EP 0418273 A1 19910327; EP 0418273 B1 19920826; WO 8911527 A2 19891130; WO 8911527 A3 19891228

DOCDB simple family (application)
EP 89108905 A 19890518; DE 3818013 A 19880527; DE 58902159 T 19890518; DK 218790 A 19900912; EP 8900542 W 19890518; EP 89906104 A 19890518