

Title (en)
LATEX CONTAINING ODOR INHIBITORS

Publication
EP 0147759 B1 19910724 (EN)

Application
EP 84115554 A 19841215

Priority
US 56568983 A 19831227

Abstract (en)
[origin: EP0147759A2] A nonwoven fabric repellent to body fluids and having reduced odor on sterilization by irradiation or steam is made by bonding nonwoven fibers with a latex, forming said nonwoven fabric, and sterilizing said fabric, said latex is prepared by polymerizing, in the presence of 0.1 to 2 weight parts of a free radical initiator and a sufficient amount of a nonionic or anionic emulsifier, 65 to 85 weight parts of a soft hydrophobic monomer having Tg of -80°C to -20°C, 10 to 30 weight parts of a hard hydrophobic monomer having Tg of +40°C to +120°C, 0.1 to 5 weight parts of an unsaturated carboxylic acid containing 3 to 6 carbon atoms, and 0.1 to 5 weight parts of N-alkylol acrylamide or methacrylamide containing 1 to 10 carbon atoms, said latex has post-added and admixed therein 0.01 to 5 weight parts of an odor inhibition agent selected from amine-type antioxidants and hindered phenols that function to reduce odor of said fabric on sterilization thereof.

IPC 1-7
A61L 2/06; A61L 2/08; D04H 1/64

IPC 8 full level
D06M 15/227 (2006.01); **A61L 2/06** (2006.01); **A61L 2/08** (2006.01); **C08K 5/00** (2006.01); **C08L 101/00** (2006.01); **D04H 1/64** (2012.01); **D06M 13/02** (2006.01); **D06M 13/144** (2006.01); **D06M 13/152** (2006.01); **D06M 13/322** (2006.01); **D06M 13/325** (2006.01); **D06M 15/263** (2006.01); **D06M 15/277** (2006.01); **D06M 15/29** (2006.01); **D06M 15/693** (2006.01)

CPC (source: EP US)
D04H 1/587 (2013.01 - EP US); **D04H 1/64** (2013.01 - EP US)

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EP0709507A1; EP0264869A3; US6063498A; EP0261378A3; US8217102B2; WO9208835A1

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