Title (en)
SYNTHETIC MEDICAL BANDAGE PRODUCT WITH WATERLESS HARDENING FEATURE AND METHOD OF APPLYING CAST TAPE TO FORM CAST

Title (de)
SYNTHETISCHES MEDIZINISCHES VERBANDMATERIAL MIT WASSERFREIER HÄRTUNGSFUNKTION UND VERFAHREN ZUR ANWENDUNG EINES GUSSBANDES ZUR FORMUNG EINES GUSSES

Title (fr)
PRODUIT DE BANDAGE MEDICAL SYNTHETIQUE POSSEDANT UNE CARACTERISTIQUE DE DURCISSEMENT A SEC ET PROCEDE D'APPLICATION DE LA BANDE DE PLATRE POUR FORMER LE PLATRE

Publication
EP 1855627 A2 20071121 (EN)

Application
EP 06719185 A 20060123

Priority
• US 2006002234 W 20060123
• US 64694505 P 20050125

Abstract (en)

[origin: WO2006081164A2] A latent resin system coated onto or impregnated into a medical bandage, the resin remaining soft and comfortable during exposure to ambient moisture. An activator is provided for reacting with the resin for hardening the resin and the medical bandage. The method includes the steps of providing a medical bandage and coating or impregnating the medical bandage with a resin system that remains soft and comfortable during exposure to ambient moisture. A resin activator is provided and is maintained separate from the medical bandage until after application of the medical bandage to the injury site. The resin activator is applied to the medical bandage after application of the medical bandage to the injury site to thereby harden the medical bandage into a rigid cast, or microcapsules within which the activator and/or resin are contained are ruptured to harden the medical bandage into a rigid cast.

IPC 8 full level
A61F 5/00 (2006.01)

CPC (source: EP)
A61F 13/04 (2013.01); **A61L 15/12** (2013.01); **A61L 15/14** (2013.01)

Citation (search report)
See references of WO 2006081164A2

Designated contracting state (EPC)
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