

Title (en)  
DEVICE AND METHOD FOR THE PRODUCTION OF COATED POWDERLESS, LOW PROTEIN IMMERSION ARTICLES, ESPECIALLY SURGICAL AND EXAMINATION GLOVES

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG VON PUDERFREIEN, PROTEINARMEN TAUCHARTIKELN, INSBESONDERE VON OPERATIONS- UND UNTERSUCHUNGSHANDSCHUHEN

Title (fr)  
DISPOSITIF ET PROCEDE POUR LA FABRICATION D'ARTICLES REVETUS AU TREMPÉ, SANS TALC ET A FAIBLE TENEUR PROTEIQUE, NOTAMMENT DE GANTS CHIRURGICAUX ET D'EXAMEN

Publication  
**EP 1039992 A1 20001004 (DE)**

Application  
**EP 98961140 A 19981105**

Priority  
• DE 19756256 A 19971217  
• DE 19803239 A 19980128  
• EP 9807076 W 19981105

Abstract (en)  
[origin: WO9930888A1] Disclosed are a method and a device for the production of coated powderless, low protein immersion articles, more particularly, surgical and examination gloves. According to the invention, the vulcanized coating adhering on the formed part is additionally treated directly after vulcanization by dipping the dip forms fitted with the vulcanized coating in a warm post-treatment bath containing additives. The additives which are added to the post-treatment bath are emulsified and/or dissolved in a fluid, preferably water. The additives added to the post-treatment bath are wetting or separating agents comprising tensides, soaps, metal soaps, glycerin, glycol, polyglycol, alcohols, polyalcohols, fatty-acid and/or modified fatty acid derivatives.

IPC 1-7  
**B29C 41/14**; **B29B 7/60**; **B29C 41/52**; **B29C 71/00**

IPC 8 full level  
**B29B 7/60** (2006.01); **B29C 41/00** (2006.01); **B29C 41/14** (2006.01); **B29C 41/52** (2006.01); **B29C 33/36** (2006.01)

CPC (source: EP)  
**B29B 7/603** (2013.01); **B29C 41/003** (2013.01); **B29C 41/14** (2013.01); **B29C 41/52** (2013.01); **B01F 2101/2805** (2022.01); **B29C 33/36** (2013.01)

Citation (search report)  
See references of WO 9930888A1

Designated contracting state (EPC)  
DE ES FR GB GR PT

DOCDB simple family (publication)  
**WO 9930888 A1 19990624**; AU 1666999 A 19990705; EP 1039992 A1 20001004

DOCDB simple family (application)  
**EP 9807076 W 19981105**; AU 1666999 A 19981105; EP 98961140 A 19981105