

Title (en)
Protective glove manufacturing method

Title (de)
Verfahren zur Herstellung von Schutzhandschuhen

Title (fr)
Procédé de réalisation d'un gant de protection

Publication
EP 1647197 A3 20080521 (FR)

Application
EP 05291987 A 20050923

Priority
FR 0452146 A 20040923

Abstract (en)
[origin: FR2875384A1] The manufacturing process consists of fitting a lining (2) made from cotton, synthetic, glass, mineral or metal filaments and/or fibres or a mixture of these onto a male mould made in the shape of the glove (1) as it is worn. The mould and lining are then dipped into an aqueous dispersion based on one or more polymers to create an anti-penetration and adhesion layer (3) over the lining, which is dried to form a preform for the glove. This is dipped repeatedly in polymer solutions in a solvent phase to form at least one outer layer (4) which is dried and reticulated before removal from the mould. Prior to dipping in the aqueous polymer dispersion the mould and lining can be dipped into a coagulant based on acids and salts, such as acetic, formic or hydrochloric acid and calcium or magnesium nitrates and/or chlorates.

IPC 8 full level
A41D 19/00 (2006.01)

CPC (source: EP)
A41D 19/0065 (2013.01); **A41D 19/01505** (2013.01)

Citation (search report)

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- [X] EP 0716817 A1 19960619 - HUTCHINSON SA [FR]
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- [A] FR 2776168 A1 19990924 - HUTCHINSON [FR]
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CN114381048A; WO2023173502A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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