

Title (en)
MANUFACTURING METHOD OF WATERPROOF GLOVE

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES WASSERDICHTEN HANDSCHUHS

Title (fr)
PROCÉDÉ DE FABRICATION DE GANT IMPERMÉABLE

Publication
EP 4136995 A1 20230222 (EN)

Application
EP 22184482 A 20220712

Priority
KR 20210095061 A 20210720

Abstract (en)
The present disclosure relates to a manufacturing method of a waterproof glove. In more detail, the manufacturing method of a waterproof glove includes: a membrane glove manufacturing step of manufacturing a glove using a polyurethane membrane sheet applied with a hot-melt adhesive; a lining glove inserting step of inserting a lining glove into the membrane glove manufactured to the membrane glove manufacturing step; a membrane glove inserting step of inserting the membrane glove with the lining glove inserted through the lining glove inserting step into an outshell glove; and a thermal bonding step of bonding the lining glove, the membrane glove, and the outshell glove by heating the outshell glove with the membrane glove inserted through the membrane glove inserting step. Accordingly, a waterproof glove manufactured through this process has an effect that has wearing comfort is excellent because a membrane sheet applied with a hot-melt adhesive is applied, waterproofness and moisture discharge performance are excellent because a lining and an outshell are in close contact with each other, the lining or the outshell is not separated when the glove is taken off, and the manufacturing time and manufacturing cost are low because the manufacturing process is simplified.

IPC 8 full level
A41D 19/00 (2006.01)

CPC (source: EP)
A41D 19/0006 (2013.01)

Citation (search report)
• [A] KR 101454001 B1 20141027 - SEES GLOBAL INC [KR]
• [A] US 2017135424 A1 20170518 - KIM JOO IN [KR], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4136995 A1 20230222; EP 4136995 B1 20241106; JP 2023016024 A 20230201; JP 7348687 B2 20230921; KR 102411244 B1 20220622

DOCDB simple family (application)
EP 22184482 A 20220712; JP 2022114615 A 20220719; KR 20210095061 A 20210720