

Title (en)

ANTI-SLIPPING STRUCTURE FOR ARTICLE SURFACE, ARTICLE, ANTI-SLIPPING BODY, AND GLOVES PROVIDED WITH COATING FILM LAYER IMPARTING ANTI-SLIPPING EFFECT, AND METHOD FOR FORMING COATING FILM LAYER AND METHOD FOR MANUFACTURING GLOVES

Title (de)

GLEITSCHUTZSTRUKTUR FÜR ARTIKELOBERFLÄCHE, ARTIKEL, GLEITSCHUTZKÖRPER UND HANDSCHUHE MIT GLEITSCHUTZBESCHICHTUNG UND VERFAHREN ZUR HERSTELLUNG VON HANDSCHUHEN

Title (fr)

STRUCTURE ANTI-GLISSEMENT POUR SURFACE D'ARTICLE, ARTICLE, CORPS ANTI-GLISSEMENT, ET GANTS DOTÉS D'UNE COUCHE DE FILM DE REVÊTEMENT CONFÉRANT UN EFFET ANTI-GLISSEMENT, ET PROCÉDÉ DE FORMATION D'UNE COUCHE DE FILM DE REVÊTEMENT ET PROCÉDÉ DE FABRICATION DE GANTS

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Application

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Abstract (en)

Provided are an anti-slipping structure for a surface of an article where dust is minimally filled in recessed portions and a larger friction force can be generated compared to anti-slipping obtained by a powder adhesion method, an article provided with a coating film layer imparting an anti-slipping effect, an anti-slipping body, gloves, a method for manufacturing gloves and the like. An article has a coating film layer that covers the article. A plurality of recessed portions are formed on the coating film for imparting an anti-slipping effect to the article. The plurality of recessed portions are formed of: a plurality of hemispherical recessed portions having an approximately circular shape as viewed in a plan view; and a plurality of diaphragm provided recessed portions formed such that two or more hemispherical recessed portions are connected to each other in a partially overlapping manner and a connection boundary between the recessed portions is partitioned by a diaphragm. In a method for forming a coating film layer which covers a surface of an article and on which a plurality of recessed portions are formed so as to impart an anti-slipping effect to the article, wherein a liquid droplet of a solidifying agent is made to impinge on an unsolidified elastic material that adheres to the surface of the article so as to recess and solidify impinged portions thus forming the recessed portions.

IPC 8 full level

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