

Title (en)

NAILCARE DEVICE WITH A DISCOID GRINDING BODY DRIVEN BY AN ELECTRIC MOTOR

Title (de)

NAGELPFLEGEGERÄT MIT EINEM ELEKTROMOTRISCH ANGETRIEBENEN SCHEIBENFÖRMIGEN SCHLEIFKÖRPER

Title (fr)

APPAREIL D'ENTRETIEN DES ONGLES COMPORTANT UN CORPS DE POLISSAGE EN FORME DE DISQUE ET ENTRAINE PAR UN MOTEUR ELECTRIQUE

Publication

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Application

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Abstract (en)

[origin: WO2005018373A1] The invention relates to a nailcare device, comprising a housing (1) and a discoid grinding body (4), driven by an electric motor, sitting on a driveshaft (10), connected to an electric motor (6). The essentially discoid grinding body (4) is arranged in the upper part of the device housing (1), beneath a cover or plate (3), parallel to the upper side (4a) of the grinding body (4), fixed to the housing (1) of the device in an easily detachable manner and with at least two slots (3a) for the fingernail of the user as close as possible to the grinding body (4) at differing radial separations from the driveshaft (10). The cover or plate (3) can be funnel- or cone-shaped with relation to the grinding body (4), such that the axial separation between the upper side (4a) of the discoid grinding body (4) and the slots (3a), arranged at various radial separations from the driveshaft (10), increases or decreases with increasing separation from the driveshaft (10). The above presents the advantage that, as a result of the varying separation of the slots (3a) from the upper side (4a) of the grinding body (4) and the various forms of the slots (3a), not only crowned fingernails but also those of the right and left hands can be treated one after the other without a change of template. The device can also be placed on a level surface for carrying out the nail treatment and doesn't need to be guided by the other hand, permitting a single-handed treatment of the nails and thus significantly facilitates the use for nailcare by handicapped people with only one hand and people requiring assistance.

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