

Title (en)

CONSUMABLE ROTATING DISC FOR FINISHING MATERIAL SURFACES, COMPRISING A BASE BODY CONSISTING OF AN INJECTION-MOULDED MATERIAL, IN PARTICULAR PLASTIC

Title (de)

VERBRAUCHBARE ROTATIONSSCHEIBE ZUR BEARBEITUNG VON MATERIALOBERFLÄCHEN MIT EINEM GRUNDKÖRPER AUS SPRITZGEGOSSENEM MATERIAL, INSBESONDERE KUNSTSTOFF

Title (fr)

DISQUE ROTATIF CONSOMMABLE POUR L'USINAGE DE SURFACES, DOTE D'UN CORPS DE BASE EN MATERIAU MOULE PAR INJECTION, NOTAMMENT EN MATIERE SYNTHETIQUE

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Application

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Abstract (en)

[origin: WO0136160A2] The invention relates to a consumable rotating disc for finishing material surfaces. A material finishing layer is fixed using binding means to a bearing surface on a front face of a disc-shaped base body which is used with the rotating disc. The base body consists of an injection-moulded material and has a central hub (6) for receiving a drive shaft of the rotating disc, the bearing surface is provided in an annular zone around the hub (6) and a first ring-shaped cross-sectional zone of the base body, which lies radially further towards the centre than the bearing surface, is configured as a first ribbed profile (30a, 30b, 32) with intersecting ribs and openings therebetween. According to the invention, a second, ring-shaped cross-sectional zone of the base body (4), which is located on the rear side of the bearing surface is configured as a second ribbed profile (30b, 30c, 30d, 32) with intersecting ribs and openings therebetween.

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