

Title (en)
METHOD FOR PRODUCING A PLASTIFICATION SYSTEM THAT COMPRISES WEAR-PROTECTING LAYERS VARYING ACROSS ITS AXIAL LENGTH

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES PLASTIFIZIERSYSTEMS MIT ÜBER SEINE AXIALE LÄNGE VARIIERENDEN VERSCHLEISSSCHUTZSCHICHTEN

Title (fr)
PROCEDE DE PRODUCTION D'UN SYSTEME DE PLASTIFICATION POURVU DE COUCHES DE PROTECTION CONTRE L'USURE PRESENTANT DES PROPRIETES DE PROTECTION VARIABLE SUR SA LONGUEUR AXIALE

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Abstract (en)
[origin: WO03051610A1] The invention relates to a method for producing a plastification system that comprises a wear-protecting coating (6, 8) with wear-protection properties that vary across the axial length. Said wear-protecting coating is applied to the surface of plastification, mixing or conveying screws and/or to the interior surfaces of plastification cylinders (7) of plastics processing machines. According to the invention, a strip (1), containing a coating material, is applied to the surface of the plastification, mixing or conveying screws and/or to the interior surfaces of plastification cylinders (7). Said strip varies in kind or composition in different axial sections of the plastification, mixing or conveying screws and/or to the interior surfaces of plastification cylinders (7), adapted to the kind of wear prevailing in the respective axial sections. The strip (1) is then thermally treated so that a wear-protected surface is obtained.

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