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ABSTRACT

**METHOD AND APPARATUS FOR MANUFACTURING A MATERIAL-
BACKED ENGAGING SECTION FOR SURFACE FASTENER**

A surface-fastener engaging member manufacturing method comprising: extruding from an extrusion nozzle (1) a predetermined width of molten resin (4); introducing the molten resin (4), which is extruded from the extrusion nozzle (1), into a predetermined gap between the extrusion nozzle (1) and a die wheel (2), which has a multiplicity of coupling element molding cavities (5) on its circumferential surface and a cooling unit inside, to fill up the coupling element molding cavities (5) with the molten resin (4) as the die wheel (2) rotates in one direction; continuously molding a multiplicity of coupling elements (4b) integrally on the front surface of a continuous board-shaped base layer (4a) as the die wheel (2) is rotated in such a direction as to extrude the molten resin (4); applying a porous backing material (3), which is supplied separately from the molten resin (4) and adjacently to the extrusion nozzle (1) while being heated, to the board-shaped base layer (4a) under pressure while the board-shaped base layer (4a) is moved in response to the rotation of the die wheel (2); cooling the die wheel (2) to a predetermined temperature; and positively pulling a resulting engag-



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ing section (4'), which includes the board-shaped base layer (4a) with the backing material (3) attached thereto as cooled, from the die wheel (2) in the molten resin extruding direction as the molded coupling elements of the engaging section (4') are removed from the coupling element molding cavities (5).

(FIG. 1)

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