

ABSTRACT

SPONGE BRUSH MOLD STRUCTURE

5 A sponge brush mold structure includes an elastic soft outer pipe (10), a molding pipe (20), a front cover (30), and a rear cover (40). The front cover (30) covers one end of a molding space (22) of the molding pipe (20). The base material of a sponge brush (50) is filled in the molding space (22) of the molding pipe (20). The base material of the sponge brush (50) flows through molding holes (210) of an outer wall (21) of the molding pipe (20) to be molded. After the base material of the sponge brush (50) is molded, the rear cover (40), the elastic soft outer pipe (10) and the molding pipe (20) are disassembled, and then a central rod (31) of the front cover (30) is pulled out to finish the sponge brush. The molding pipe (20) is compressed by the press surface (11) of the elastic soft outer pipe (10), such that the molding holes (210) of the outer wall (21) of the molding pipe (20) are filled with the base material of the sponge brush (50), without burrs. Because the cost of the elastic soft outer pipe (10) is lower, it can be thrown away after use to lower the differentiation of reuse and to enhance the quality of products. The disposable elastic soft outer pipe can decrease defective products and simplify the process. The present invention has a stable configuration and lower cost.

20

FIG 1