

ABSTRACT OF THE DISCLOSURE

MOLD VACUUM VALVE DEVICE

A mold vacuum valve device includes a first mold (2) having a mounting hole (20) formed therethrough, a second mold (3) connected to the first mold (2), and a sliding block (4). The second mold (3) has a shaping cavity (30), a runner passage (31) in fluid communication with a side of the shaping cavity (30), and a vacuum passage (32) in fluid communication with an opposite side of the shaping cavity (30). The shaping cavity (30) is defined by a serrated bottom wall surface (301), and cooperates with the mounting hole (20) to define an accommodating space (7). The sliding block (4) is disposed movably within the accommodating space (7), and has a head portion (41) and a body portion (42). The head portion (41) has a serrated side surface (411) complementary to the serrated bottom wall surface (301). The head portion (41) cooperates with the second mold (3) to define a shaping clearance (70).

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Fig. 4