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(54) Title: ARTICLE WITH INTERRUPTED INTERIOR THREADS AND MOLD APPARATUS FOR MANUFACTURING SAME

(57) Abstract

An article (10) with interior interrupted threads (22) and a mold apparatus (28) for manufacturing the same is provided. The molded article (10) includes an aperture (18) positioned completely therethrough as defined by an inner wall (20). The inner aperture wall (20) carries a series of thread segments (22) positioned about the periphery of the inner wall (20) to form an interrupted helical thread line (148). The thread segments (22) create a female threaded aperture (18) through the molded article (10) for receipt of a male threaded member (24) therein. The mold apparatus (28) includes an upper half (29) and a lower half (31). The upper half (29) carries a cylindrical wall (34) which is notched with its upper edge being beveled outwardly. The lower half (31) also carries a cylindrical wall (35) which is notched as well as beveled outwardly. The two cylindrical wall top edges meet together with respective beveled edges of each notched portion of the cylindrical walls being positioned adjacent one another to form a series of thread matrices for molding thread segments (22) on the inner wall (20) of the aperture (18) through the molded article (10).

