

ABSTRACT

JIG USED TO FIX TO INNER PLUG

The present invention provides an inner plug (B, B2, B2a) easily removable from a neck (A) of a container, and a cap (C, C2) for covering the inner plug (B, B2). The inner plug (B, B2) comprises an engaging portion (3, 43, 43a) to be fitted to a neck (A, A2) of the container, a threaded cylinder (5, 45) and a lip cylinder (4, 44) connected to said threaded cylinder (5, 45). The engaging portion (3, 43, 43a) comprises an inner cylinder (7, 47), an outer cylinder (6, 46, 46a) and a shoulder wall (8, 48). The threaded cylinder (5, 45) is arranged on the inner cylinder (7, 47). The cap (C, C2) has a side cylinder (31, 71) to be engaged with said threaded cylinder (5, 45) of said inner plug (B, B2, B2a), and a cover cylinder (32, 72) covering said shoulder wall (8, 48) and said outer cylinder (6, 46, 46a). The cover cylinder (32, 72) has a diameter larger than a diameter of said side cylinder (31, 71). The outer cylinder (6, 46) is provided with a cut portion (12, 53). The shoulder wall (8, 48) is provided with a cut portion (13, 54) connecting to said cut portion (12, 53) of the outer cylinder (6, 46, 46a). The shoulder wall (8, 48) is provided on a lower surface thereof with a tear off groove (16, 57) along the outer cylinder (6, 46, 46a). The groove (16, 57) is connected to said cut portion (13, 54) of the shoulder wall (8, 48). Also, a jig (D, Da) for holding an inner plug (B, B2) unrotatably is provided.

