

Title (en)
Threaded ring on the aperture of sheet-metal containers

Title (de)
Gewindestutzen an Öffnungen von Flüssigkeitsbehältern aus Blech

Title (fr)
Bague à vis sur l'orifice de récipients en tôle pour fluide

Publication
EP 0654415 B1 19980204 (DE)

Application
EP 94117914 A 19941114

Priority
DE 4340084 A 19931124

Abstract (en)
[origin: EP0654415A1] The lid (2) of a sheet-metal container (1) for transporting and for storing liquids has a central filling aperture (3) which is enclosed by a nozzle (5) which is moulded out of the lid and is perpendicular to the lid surface (4). A ring (6) of plastic or metal with an external thread (7) is fitted onto the nozzle (5) and is pressed downwards against the lid surface (4) by the outwardly rolled upper edge (8) of the nozzle (5). The threaded ring (6) is secured against rotation on the nozzle (5) by positive-locking connections (not illustrated). Screwed onto the threaded ring (6) is a plastic closure lid (11), into which a disc-like insert (12) of special steel is pressed. Between the outer edge (13) of the lid insert (12) and an annular projection (14) thereof, an annular groove (15) is moulded into the insert to receive a sealing ring (16) with which the closure lid (11) is sealed off against the outwardly rolled upper edge (8) of the nozzle (5). <IMAGE>

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