

Title (en)
CLOSURE SYSTEM FOR A NON-SPILL FEEDING BOTTLE FOR CHILDREN

Title (de)
VERSCHLUSSSYSTEM FÜR EINE AUSLAUFGESCHÜTZTE FLASCHE FÜR KINDERNAHRUNG

Title (fr)
SYSTÈME DE FERMETURE POUR BIBERON ANTI-FUITE D'ALIMENTATION INFANTILE

Publication
EP 2734172 A2 20140528 (DE)

Application
EP 11748565 A 20110720

Priority
EP 2011003636 W 20110720

Abstract (en)
[origin: WO2013010562A2] Closure system for a non-spill feeding bottle for children, with ° a lower closure ring, which has a substantially cylindrical lower jacket part with an inner thread that can be screwed onto an outer thread of a bottle, and a lower partition wall which, above the inner thread, is connected at the edge to the lower jacket part, blocks off the cross section of the lower jacket part and has a first top face and a first bottom face with at least one lower through-hole opening out, on the one hand, in the first top face and, on the other hand, in the first bottom face, ° an upper closure ring, which has a substantially cylindrical upper jacket part with an outer thread that can be connected to a screw ring in order to secure a teat on the upper edge of the upper jacket part, and an upper partition wall which is connected at the edge to the upper jacket part, blocks off the cross section of the upper jacket part and has a second top face and, sitting sealingly on the first top face, a second bottom face with at least one upper through-hole opening out, on the one hand, in the second bottom face and, on the other hand, in the second top face, ° locking elements with which the lower closure ring and the upper closure ring are locked onto each other such that they are rotatable relative to each other and releasable, ° wherein a sealing lip, concentric to the lower jacket part and made of a soft elastic material, protrudes upwards from the first top face and, as its distance from the first top face increases, it widens radially outwards and bears with elastic pretensioning on a sealing face on the inside of a wall that protrudes downwards from the second bottom face and is concentric to the upper jacket part, or vice versa, and, by turning the upper closure ring with respect to the lower closure ring, the upper through-hole can alternately be brought into congruent and non-congruent positions with respect to the lower through-hole.

IPC 8 full level
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Citation (search report)
See references of WO 2013010562A2

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