

Title (en)

FILLING SYSTEM FOR A BOTTLE WITH A ROTARY SPORTS VALVE

Title (de)

FÜLLSYSTEM FÜR EINE FLASCHE MIT EINEM ROTIERENDEN SPORTVENTIL

Title (fr)

SYSTÈME DE REMPLISSAGE POUR UNE BOUTEILLE MUNIE D'UNE VANNE DE SPORT ROTATIVE

Publication

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Application

EP 12799258 A 20121203

Priority

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Abstract (en)

[origin: WO2013079978A1] A filling mechanism for use with a nozzle, the nozzle comprising a nozzle body and an end cap, which are axially aligned with one another, the end cap comprising a fluid opening and the nozzle body comprising a closing member, wherein in a first, closed, position the closing member is arranged to seal the opening, and in a second, open, position the opening is spaced from the closing member, so as to allow the flow of fluid through the opening, and the end cap and nozzle body are interconnected such that axial movement of the end cap relative to the nozzle body, between the first and second positions, is achieved by rotation of the nozzle body and the end cap relative to one another about the axis; the filling mechanism comprising rotation means, adapted to effect rotation of the nozzle body and the end cap relative to one another, and a filling tube; the filling mechanism being arranged such that the filling tube and the fluid opening in the end cap of the nozzle are brought into fluid communication with one another by rotation of the nozzle body and end cap relative to one another.

IPC 8 full level

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