

Title (en)

Cup with a valve for drinking juice

Title (de)

Mit Ventil ausgerichter Trinkbecher für Säfte

Title (fr)

Gobelet à soupape pour jus

Publication

EP 1627586 B1 20080521 (EN)

Application

EP 05107240 A 20050805

Priority

US 92150904 A 20040819

Abstract (en)

[origin: EP1627586A1] A drinking vessel (20) with a cup (28) having a hollow inner body and an open end (60), a removable cap (22) for sealingly closing the open end (60), an outer surface with a spout and an air vent, and an inner surface with a tubular outlet passage and a tubular inlet passage. The cup (28) further contains a one-piece flow control valve (30) made of an elastomeric material. The flow control valve (30) contains an inlet valve and an outlet valve joined together by a connector bar. The outlet valve of parabolic configuration has a reinforcing ring and a partition wall, held in place by two jutting out walls that are part of the connector bar. The inlet valve has a tubular edge sitting on two wing-like projections holding a membrane with a slit. The tubular edge is integral with the connector bar and the two wing-like projections, with outlet and inlet valves fitting into the outlet and inlet passages, respectively.

IPC 8 full level

A47G 19/22 (2006.01)

CPC (source: EP US)

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