

Title (en)
IN-HOME DRINK DISPENSER

Publication
EP 0223209 A3 19881005 (EN)

Application
EP 86115796 A 19861113

Priority
US 79991185 A 19851120

Abstract (en)
[origin: EP0223209A2] A post mix in-home carbonated drink dispenser has a novel expansion chamber and an anti-surge valve. The expansion chamber is a gradually expanding chamber which reduces carbonation loss as the carbonated liquid passes from the carbonator to the point where the liquid is discharged. The antisurge valve, which is provided between the carbonator and the expansion chamber is designed to reduce the spitting and sputtering often experienced on start-up of a drink dispenser. The dispensing valve for carbonated water is part of the carbonator and not the dispensing head. This means that no carbonated water exists outside the carbonator. In addition, the dispenser which is adapted to dispense into a cup which is held under a carbonated water outlet, and which operates the dispenser the location for holding the cup to operate the dispenser being such that when dispensing takes place the carbonated water is dispensed in a stream which enters the cup essentially tangentially to the wall thereof, whereby loss of carbonation in the drink will be minimised.

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B67D 1/00; **B67D 1/08**

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B67D 1/00 (2006.01)

CPC (source: EP)
B67D 1/0052 (2013.01); **B67D 1/0057** (2013.01); **B67D 1/008** (2013.01); **B67D 2001/0092** (2013.01); **B67D 2001/0815** (2013.01); **B67D 2210/00052** (2013.01)

Citation (search report)

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EP 86115796 A 19861113; AU 6574586 A 19861125; CA 523341 A 19861119; LV 940114 A 19940530