

Title (en)  
Nozzle assembly for beverage dispenser.

Title (de)  
Stützenanordnung für Getränkespender.

Title (fr)  
Agencement de buse pour distributeur de boisson.

Publication  
**EP 0288302 A1 19881026 (EN)**

Application  
**EP 88303650 A 19880422**

Priority  
US 4190687 A 19870424

Abstract (en)  
A nozzle assembly (12) for use in a post-mix beverage dispenser valve assembly of a post-mix beverage dispenser, including a hollow generally cylindrical vertically oriented nozzle (16), and a tubular diffuser assembly (14) positioned centrally inside of the nozzle and providing an annular carbonated water flow path between the diffuser assembly and the nozzle, and providing a syrup passageway through the diffuser assembly. The diffuser assembly includes a diffuser (18) and a diffuser plate (22). Carbonated water flows through the diffuser plate and then into a pressure and speed reducing chamber (52) and is then mixed with syrup; the mixture is then discharged from the nozzle.

IPC 1-7  
**B67D 1/00**

IPC 8 full level  
**B67D 1/14** (2006.01); **B67D 1/00** (2006.01)

CPC (source: EP KR)  
**B67D 1/0044** (2013.01 - EP); **B67D 7/42** (2013.01 - KR)

Citation (search report)

- [YD] US 4509690 A 19850409 - AUSTIN FORREST L [US], et al
- [Y] US 3800826 A 19740402 - MC CANN G
- [AD] FR 2453825 A1 19801107 - ALCO FOODSERVICE EQUIP [US]
- [A] GB 1131050 A 19681016 - CORNELIUS CO

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Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

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DOCDB simple family (application)  
**EP 88303650 A 19880422**; AU 1448388 A 19880411; BR 8801934 A 19880422; CA 564707 A 19880421; CN 88102394 A 19880423; JP 9695788 A 19880421; KR 880004358 A 19880416; ZA 882468 A 19880408