

Title (en)  
Drink dispensing machine.

Title (de)  
Getränkeausgabevorrichtung.

Title (fr)  
Appareil distributeur de boissons.

Publication  
**EP 0509602 A1 19921021 (EN)**

Application  
**EP 92201055 A 19920414**

Priority  
IT MI911040 A 19910416

Abstract (en)  
A drink dispensing machine comprising a device for controlling the drink concentration, where the drinks consist of a liquid concentrate plus water which originate respectively from a suitable container (29) and a mains system (21) of variable flow characteristics. The machine comprises a sensor (26) for determining the water flow rate variation in order to vary the speed of a liquid concentrate feed pump (31), hence enabling the liquid-water concentration ratio to be maintained constant. <IMAGE>

IPC 1-7  
**B67D 1/00**; **B67D 1/12**

IPC 8 full level  
**B67D 1/00** (2006.01); **B67D 1/12** (2006.01)

CPC (source: EP)  
**B67D 1/0032** (2013.01); **B67D 1/122** (2013.01); **B67D 1/1234** (2013.01); **B67D 1/1293** (2013.01); **B67D 2210/00104** (2013.01)

Citation (search report)  
• [X] US 4955507 A 19900911 - KIRSCHNER JONATHAN [US], et al  
• [Y] GB 2174459 A 19861105 - JENCONS  
• [Y] GB 2221209 A 19900131 - LYONAIR LTD [GB]  
• [A] EP 0251793 A1 19880107 - PEKTRON LTD [GB]  
• [X] US 4189067 A 19800219 - NOTTKE JAMES E [US], et al  
• [Y] US 4456149 A 19840626 - SCIORTINO GEORGE J [US]  
• [X] EP 0387477 A1 19900919 - ROPA WASSERAUFBEREITUNGS ANLAG [AT]

Cited by  
US6092693A; US5797519A; EP1611668A4; US6145701A; GB2264551A; US5651663A; EP0932578A4; US8006866B2; WO2017091164A1; WO2007070031A1; WO9534501A1; US7798367B2; US8083100B2; WO2004062443A2; US8692165B2

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