

Title (en)  
Beverage dispenser with peristaltic pump

Title (de)  
Getränkespender mit Peristaltikpumpe

Title (fr)  
Distributeur de boissons avec pompe péristaltique

Publication  
**EP 1078879 A1 20010228 (EN)**

Application  
**EP 99116973 A 19990827**

Priority  
EP 99116973 A 19990827

Abstract (en)  
In a beverage dispenser, a beverage material-supplying tube extending from BIB (3) is squeezed by a pump (5) to draw the beverage material from BIB and then to extrude the beverage material to a nozzle (6). The beverage dispenser has a sensor (13) provided adjacent to the beverage material-supplying tube (4) and a processor into which the output of the sensor is input. The sensor calculates a moving average value using, as a data source, highest signal values among sampled signals obtained by multipoint sampling of analog signals output from the sensor, and, based on the magnitude of a change in the moving average value, a decision is made on whether or not the beverage material has been sold out. By virtue of the above construction, the sold-out of the beverage material in BIB can be accurately detected. <IMAGE>

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

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

CPC (source: EP)  
**B67D 1/1211** (2013.01); **B67D 1/1247** (2013.01)

Citation (applicant)  
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