

Title (en)  
Carbonated water supplying apparatus

Title (de)  
Versorgungsgerät für karbonisiertes Wasser

Title (fr)  
Appareil d'approvisionnement en eau gazeuse

Publication  
**EP 1826171 A2 20070829 (EN)**

Application  
**EP 07002764 A 20070208**

Priority  
KR 20060017428 A 20060222

Abstract (en)  
Provided is a water supplying apparatus (10) that supplies at least one of cold water, hot water and soda water. The water supplying apparatus includes a cold water tank (13), a soda water manufacturing unit, a gas tank (18) and a soda water valve. A soda water tank (14) stores soda water. A cold water inlet (142) is disposed at a portion of the soda water tank and cold water flows into the soda water tank through the cold water inlet. A carbon dioxide gas inlet (143) is disposed at another portion of the soda water tank and a carbon dioxide gas flows into the soda water tank through the carbon dioxide gas inlet. A mixing floater (145) mixes the carbon dioxide gas and the cold water flowing into the soda water tank. A soda water draw off hole (144) draws off soda water. A water level sensor (147) senses water level inside the soda water tank.

IPC 8 full level  
**B67D 1/00** (2006.01); **B01F 3/04** (2006.01); **B67D 1/08** (2006.01)

CPC (source: EP KR US)  
**B01F 23/234** (2022.01 - EP); **B01F 23/2362** (2022.01 - EP); **B01F 25/4413** (2022.01 - EP); **B01F 35/21** (2022.01 - EP KR US); **B01F 35/2112** (2022.01 - EP); **B67D 1/0057** (2013.01 - EP); **B67D 1/0066** (2013.01 - EP); **B67D 1/007** (2013.01 - EP); **B67D 1/0073** (2013.01 - EP); **B67D 1/0075** (2013.01 - EP); **B67D 1/0076** (2013.01 - EP); **B67D 1/0862** (2013.01 - EP); **E04H 1/1211** (2013.01 - KR); **G08G 1/123** (2013.01 - KR); **B01F 35/20** (2022.01 - EP)

Cited by  
EP3141849A4; KR101898639B1; ITMO20130007A1; ITPA20100039A1; EP3475215A4; EP2186772A1; EP2363188A4; CN105813974A; CN109534270A; JP2016537270A; US10351411B2; WO2018214130A1; WO2009043088A1; WO2015100139A1; WO2022100509A1; WO2018214131A1; WO2018214132A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
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