

Title (en)

METHOD AND DEVICE FOR THE SUBSEQUENT PREPARATION OF DRINKING WATER AND WATER FOR OTHER USAGE

Publication

**EP 0176694 A3 19880113 (DE)**

Application

**EP 85109662 A 19850801**

Priority

DE 3436660 A 19841005

Abstract (en)

[origin: EP0176694A2] CO<sub>2</sub> and H<sub>2</sub>CO<sub>3</sub> can be added to the drinking water and water for other usage in the household and for small establishments on the one hand and to any irrigation water for house plants floods or hobby gardens on the other hand, in a simple and purposeful manner and in different concentrations. This makes it possible, on the one hand, to use relatively large, commercially available normal compressed CO<sub>2</sub> gas cylinders even in the household and small establishments and to supply the various CO<sub>2</sub> users in the household from this compressed gas cylinder. These users can also include domestic appliances for the direct preparation of CO<sub>2</sub>-containing beverages, the carboniser thereof being connected to the compressed gas cylinder. For the addition of different quantities of CO<sub>2</sub>, a plurality of mutually independent devices for impregnation of the water with CO<sub>2</sub> can also be provided directly before the removal point or the user. The impregnation devices can supply the various lines or appliances in the household in different concentrations via separately controllable devices. As a result, depositions of mineral substances in domestic appliances and machines can be greatly reduced, with economical usage of CO<sub>2</sub>, and large proportions of the mineral substances present in the drinking water can be utilised for direct absorption by the organism, for example with the drinking water.

IPC 1-7

**B01F 3/04**

IPC 8 full level

**B01F 3/04** (2006.01)

CPC (source: EP)

**B01F 23/29** (2022.01)

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