

Title (en)
METHOD OF MANUFACTURING CARBONATED SPRING

Title (de)
VERFAHREN ZUM ERZEUGEN VON KARBONISIERTEM WASSER

Title (fr)
PROCEDE DE PRODUCTION D'EAU GAZEIFIEE

Publication
EP 0968699 A1 20000105 (EN)

Application
EP 98901501 A 19980204

Priority

- JP 9800458 W 19980204
- JP 2258697 A 19970205
- JP 35114197 A 19971219

Abstract (en)
A method for the preparation of a carbonate spring by supplying carbon dioxide to a carbon dioxide dissolver and dissolving the carbon dioxide in raw water, which comprises the steps of measuring the pH of the formed carbonate spring, calculating the carbon dioxide concentration data of the formed carbonate spring from the measured pH value and the alkalinity of the raw water, and controlling the feed rate of the carbon dioxide supplied to the carbon dioxide dissolver so as to make the carbon dioxide concentration data equal to a preset target carbon dioxide concentration value. According to this method, a carbonate spring having a desired concentration can be easily prepared by using an inexpensive pH measuring device.
<IMAGE>

IPC 1-7
A61H 33/02

IPC 8 full level
A61H 33/02 (2006.01); **A61H 33/14** (2006.01)

CPC (source: EP)
A61H 33/02 (2013.01); **A61H 33/60** (2013.01); **A61H 2033/145** (2013.01)

Cited by
EP2098282A1; EP1894615A3; EP1283069A4; EP1745838A3; US7246793B2; US7434792B2; US7441752B2; US7533873B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 9834579 A1 19980813; AU 5779698 A 19980826; DE 69807851 D1 20021017; DE 69807851 T2 20030528; EP 0968699 A1 20000105; EP 0968699 A4 20000301; EP 0968699 B1 20020911

DOCDB simple family (application)
JP 9800458 W 19980204; AU 5779698 A 19980204; DE 69807851 T 19980204; EP 98901501 A 19980204