

Title (en)
DEVICE FOR OXYGEN ENRICHMENT OF DRINKING WATER

Title (de)
VORRICHTUNG ZUR SAUERSTOFF-ANREICHERUNG VON TRINKWASSER

Title (fr)
DISPOSITIF POUR ENRICHIR L'EAU POTABLE EN OXYGENE

Publication
EP 1753523 A1 20070221 (DE)

Application
EP 05738061 A 20050427

Priority
• EP 2005051897 W 20050427
• AT 3552004 U 20040513

Abstract (en)
[origin: WO2005110586A1] The invention relates to a device for oxygen enrichment of drinking water, wherein an oxygen feed line (5) and a drinking water feed line (2) are provided, said lines discharging in a common mixing container (1). The drinking water feed line (2) discharges in a ring channel water chamber (14) of the mixing container (1) and the oxygen feed line (5) is connected to a mixing chamber (15) arranged inside the ring channel water chamber (14), wherein the ring channel water chamber (14) has a plurality of water passage holes or nozzles (16) on its inner side facing the mixing chamber (15).

IPC 8 full level
A23L 2/54 (2006.01); **B01F 3/04** (2006.01); **C02F 1/72** (2006.01); **C02F 1/00** (2006.01); **C02F 1/68** (2006.01)

CPC (source: EP)
A23L 2/54 (2013.01); **C02F 1/727** (2013.01); **C02F 1/005** (2013.01); **C02F 1/68** (2013.01); **C02F 2103/02** (2013.01)

Citation (search report)
See references of WO 2005110586A1

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

DOCDB simple family (publication)
AT 7560 U1 20050525; EP 1753523 A1 20070221; WO 2005110586 A1 20051124

DOCDB simple family (application)
AT 3552004 U 20040513; EP 05738061 A 20050427; EP 2005051897 W 20050427