

Title (en)  
Device for mixing gases or vapours.

Title (de)  
Vorrichtung zum Zumischen gas- bzw. dampfförmiger Stoffe.

Title (fr)  
Dispositif pour mélanger des gaz ou des vapeurs.

Publication  
**EP 0469442 B1 19940316 (DE)**

Application  
**EP 91112386 A 19910724**

Priority  
CH 251790 A 19900731

Abstract (en)  
[origin: EP0469442A1] In order to admix a gaseous substance, in particular a scent material, into a gas stream, the gaseous substance is fed via a pipe (10) by means of a carrier gas (23) to a mixing chamber (1). The pipe contains at least one capillary (19) which is arranged in a feed apparatus (9) having two defined positions. In one position, the capillary extends through an orifice (6) into the mixing chamber. In the second position, it ends outside the mixing chamber in a suction space (25) surrounding the mixing chamber. The carrier gas (23) preferably flows continuously. Suction means (26) are provided which suck out the carrier gas with the gaseous substance from the capillary when the latter is in the position where it ends in the suction space. <IMAGE>

IPC 1-7  
**B01F 5/04**

IPC 8 full level  
**A61K 8/00** (2006.01); **A61Q 13/00** (2006.01)

CPC (source: EP US)  
**B01F 23/061** (2022.01 - EP); **B01F 23/12** (2022.01 - EP US); **B01F 25/313** (2022.01 - EP US); **B01F 35/712** (2022.01 - EP US); **B01F 35/71805** (2022.01 - EP US); **B01F 23/061** (2022.01 - US)

Cited by  
FR2705037A1

Designated contracting state (EPC)  
BE CH DE DK ES FR GB IT LI NL SE

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**EP 0469442 A1 19920205; EP 0469442 B1 19940316**; AR 243403 A1 19930831; AU 645331 B2 19940113; AU 8125991 A 19920206; BR 9103234 A 19920218; CA 2046114 A1 19920201; DE 59101197 D1 19940421; DK 0469442 T3 19940502; ES 2050490 T3 19940516; HK 150895 A 19950929; JP 2525524 B2 19960821; JP H04227038 A 19920817; MX 173643 B 19940318; US 5198155 A 19930330; ZA 915162 B 19920527

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