

Title (en)

Liquid mixing apparatus.

Title (de)

Vorrichtung zum Mischen von Flüssigkeiten.

Title (fr)

Appareil pour mélanger des liquides.

Publication

**EP 0249496 A1 19871216 (EN)**

Application

**EP 87305246 A 19870612**

Priority

GB 8614486 A 19860613

Abstract (en)

Liquid mixing apparatus for continuously mixing and delivering a concentrate with a diluent comprises a first reservoir (1, 21) for a first liquid, at least one further reservoir (11, 31) for another liquid which is to be mixed with the first liquid and continuous dosing means (5, 6, 7, 8, 9, 10; 25, 26, 27, 28, 29, 29', 30, 35, 39) comprising a delivery duct (5, 6, 7, 8; 25, 26, 27, 28) through which the first liquid may be discharged from the first reservoir and at least one branch duct (9, 10; 29, 29', 30, 35, 39) leading from the or each further reservoir and joining the delivery duct at a point intermediate its ends enabling in use the entrainment of the other liquid(s) by the first liquid and mixing thereof within the delivery duct whenever the first liquid is caused to flow from the first reservoir through the dosing means which may be a syphon or venturi system. The apparatus is useful for preparing and delivering sheep dip, insecticides, or other liquid mixtures requiring careful control of concentration and regulated delivery.

IPC 1-7

**B01F 5/04**; **B01F 15/04**; **G05D 11/00**; **A61D 11/00**

IPC 8 full level

**B01F 3/08** (2006.01)

CPC (source: EP)

**B01F 23/40** (2022.01)

Citation (search report)

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Cited by

CN108211830A

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0249496 A1 19871216**; AU 7423087 A 19871217; GB 8614486 D0 19860716

DOCDB simple family (application)

**EP 87305246 A 19870612**; AU 7423087 A 19870615; GB 8614486 A 19860613