

Title (en)

Beverage dispenser with pierceable ingredient containers

Title (de)

Getränkspender mit durchstechbaren Konzentratbehältern

Title (fr)

Distributeur de boissons utilisant des conteneurs d'ingrédients perçables

Publication

**EP 1129986 A1 20010905 (EN)**

Application

**EP 01103610 A 20010221**

Priority

IT MO20000034 A 20000301

Abstract (en)

A machine for instantly producing and dispensing beverages having premixable concentrated components which can be diluted with water and the like, pre-packaged in pierceable box-like refills (2), is constituted by a box-like frame which is divided into at least two regions (1a, 1b), a first region (1a) for containing cooling elements and a second one (1b) for accommodating the refills (2) of concentrated components, and has, in the second region (1b), at least one modular support (3) for inserting the box-like refills (2) which is provided with means (4) for retaining the refills (2) by contact, and with piercing means (5) which cooperate with the retention means (4) and are connected to a suction element (6) which is interconnected to a mixing tank (8) arranged upstream of a conventional dispensing tap (8a), at least one second duct (9) for feeding dilution water or the like leading into the tank (8). <IMAGE>

IPC 1-7

**B67D 1/00**

IPC 8 full level

**B67D 1/00** (2006.01)

CPC (source: EP)

**B67D 1/0021** (2013.01); **B67D 1/0047** (2013.01); **B67D 1/0078** (2013.01); **B67D 1/1231** (2013.01)

Citation (applicant)

IT MO20000034 A 20000301

Citation (search report)

- [A] WO 9937577 A2 19990729 - COCA COLA CO [US]
- [A] EP 0141433 A1 19850515 - DOUWE EGBERTS TABAKSFAB [NL]

Citation (third parties)

Third party :

- US 5992685 A 19991130 - CREDLE JR WILLIAM S [US]
- US 4314768 A 19820209 - GOGLIO LUIGI, et al

Cited by

US7318893B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1129986 A1 20010905; EP 1129986 B1 20061227**; AT E349402 T1 20070115; DE 60125440 D1 20070208; ES 2279778 T3 20070901; IT 1316896 B1 20030513; IT MO20000034 A1 20010903

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**EP 01103610 A 20010221**; AT 01103610 T 20010221; DE 60125440 T 20010221; ES 01103610 T 20010221; IT MO20000034 A 20000301