

Title (en)  
AUTOMATIC INFUSION MACHINE FOR PREPARING COFFEE AND SIMILAR BEVERAGES

Publication  
**EP 0000685 B1 19820915 (FR)**

Application  
**EP 78430005 A 19780712**

Priority  
FR 7722992 A 19770718

Abstract (en)  
[origin: EP0000685A1] 1. Automatic device for the infusion of espresso coffee or other similar beverages in which a drawer (7) places above a cylinder (3) can hold two positions, the drawer (7) having an opening (8) for the measure of grinding coffee which goes through the depth of the drawer (7) and can be placed in a position co-axial with the cylinder (3), a piston (4) sliding into the latter when raised, it is characterised by : - A reception chamber for the measure of grinding coffee is delimited by the interior lateral surface of the cylinder (3) and the upper surface of the piston (4) in lower position, the drawer being in rest position in which the opening (8) is co-axial with the cylinder (3), thus allowing the introduction of the measure of grinding coffee into the aforementioned reception chamber, - An infusion chamber is delimited by a blind hole (9) placed on the lower surface of the drawer (7) and the frontal upper side of the piston (4) in upper position, the drawer (7) being in work position, position in which the blind hole (9) caps the cylinder (3 and is coaxial with this latter, the frontal surface of the piston (4) touching the lower surface of the drawer (7) the water being injected into the infusion chamber, the piston (4) staying in this upper position during the infusion off and ejecting the cake of used grounds, the piston (4) returning to its lower position so that a new cycle can begin.

IPC 1-7  
**A47J 31/40**

IPC 8 full level  
**A47J 31/36** (2006.01); **A47J 31/40** (2006.01)

CPC (source: EP)  
**A47J 31/3614** (2013.01); **A47J 31/3619** (2013.01)

Cited by  
EP1523913A3; EP0015379A1; EP0237475A1; EP0379651A1; CZ301066B6; US10667642B2

Designated contracting state (EPC)  
BE CH DE NL

DOCDB simple family (publication)  
**EP 0000685 A1 19790207**; **EP 0000685 B1 19820915**; DE 2862027 D1 19821104; FR 2397815 A1 19790216; FR 2397815 B1 19800711

DOCDB simple family (application)  
**EP 78430005 A 19780712**; DE 2862027 T 19780712; FR 7722992 A 19770718