

Title (en)

DEVICE AND METHOD FOR ASSEMBLING CAPSULES FOR EXTRACTING BEVERAGES

Title (de)

VORRICHTUNG UND VERFAHREN ZUR MONTAGE VON KAPSELN ZUR EXTRAKTION VON GETRÄNKEN

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR L'ASSEMBLAGE DE CAPSULES POUR L'EXTRACTION DE BOISSONS

Publication

EP 3024735 A1 20160601 (EN)

Application

EP 14786276 A 20140725

Priority

- IT BO20130406 A 20130726
- IB 2014063421 W 20140725

Abstract (en)

[origin: WO2015011682A1] Described is a method for assembling capsules for extracting beverages, the capsules comprising at least one main body (3) for containing extract of a beverage, a filtering element (4) positioned inside the main body (3) and a base element (5) positioned at the base of the main body (3); the main body (3), the filtering element (4) and the base element (5) forming at least partly the components (3, 4, 5) of the capsule (2); the device comprises a line (7) for feeding the above-mentioned components (3, 4, 5) and means (8) for positioning the above-mentioned components (3, 4, 5) along the feed line (7); more specifically, the feed line (7) comprises a conveyor (9), which moves continuously, forming a path (P) for feeding the above-mentioned components (3, 4, 5) and the positioning means (8) are synchronised with the conveyor (9) for assembling together the components (3, 4, 5) on the conveyor (9).

IPC 8 full level

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CPC (source: EP US)

B65B 29/02 (2013.01 - US); **B65B 29/022** (2017.07 - EP US); **B65B 43/46** (2013.01 - EP US); **B65B 61/20** (2013.01 - EP US); **B65B 65/003** (2013.01 - EP US); **B65D 85/8061** (2020.05 - EP US)

Citation (search report)

See references of WO 2015011682A1

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