

Title (en)

Plant and method for the continuous manufacture of brewing cartridges

Title (de)

Verfahren und Vorrichtung zum kontinuierlichen Herstellen von zu brühenden Kartuschen

Title (fr)

Procédé et appareil pour la préparation en continue de cartouches d'infusion

Publication

EP 1705122 B1 20080514 (EN)

Application

EP 05076557 A 20050708

Priority

IT RE20050027 A 20050322

Abstract (en)

[origin: EP1705122A1] A plant (1a, 1b) for the manufacture of brewing cartridges comprising: guide means (4) for guiding plates (2) having recesses (3) along an advancing direction; means (7) for providing, above the plates (2), a first band (6) of film that; means (21) for depositing a dose of powder through a metering device (9, 12) for each recess (3); means (14) for pressing the doses of powder in the recesses (3); means (19) for providing, over the pressed doses, a second band (17) of film; sealing means (15) for sealing said first (6) and second band (17) together forming the cartridges (100); cutting means (16) to cut the formed cartridges (100), where said cartridges (100) are manufactured whilst the guide means (4) make the plates (2) advance at a constant speed and where said depositing means (21), said pressing means (14), said means (7, 19) for providing said first and second band (6, 17), said sealing means (15) and said cutting means (16) are actuated in synchrony with said plates (2), to operate continuously along a horizontal manufacturing plane.

IPC 8 full level

B65B 29/02 (2006.01); **B65B 9/04** (2006.01)

CPC (source: EP)

B65B 9/042 (2013.01); **B65B 29/025** (2017.07)

Cited by

EP4180353A1; IT202000002533A1; ITUB20152469A1; EP2119630A3; CN104029842A; IT201700049857A1; KR20200006524A; JP2020519539A; AU2018267290B2; US11319095B2; WO2018207062A3; WO2017017515A1; IT201800008032A1; EP3901051A1; WO2010007633A1; WO2021161121A1; WO2020031096A1; US11981466B2

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