

Title (en)

DEVICE FOR BREWING MATTER, NOTABLY FOR BREWING MATTER TO BE FERMENTED

Title (de)

VORRICHTUNG FÜR BRAUSUBSTANZ, INSBESONDERE FÜR ZU FERMENTIERENDE BRAUSUBSTANZ

Title (fr)

DISPOSITIF POUR LE BRASSAGE DE MATIERE, NOTAMMENT POUR LE BRASSAGE DE MATIERE A FERMENTER

Publication

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Application

EP 18712948 A 20180302

Priority

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Abstract (en)

[origin: WO2018162824A1] The invention relates to a device (1) for brewing matter (30), comprising a rotary drum (2) and at least one shaftless screw (3) which extends inside the drum (2), being mounted in a rotatable manner with respect to the drum (2). Each shaftless screw (3) is formed by one or more coaxial helical windings (41) and each winding (41) comprises a helical support (5) of pitch P that is formed by a helically wound elongate body with a constant cross section along at least a part of its length, and a helix (6), known as a secondary helix, disposed around and carried by said support (5), wherein the outside diameter DeS of the support (5) is less than or equal to 1.5 times the pitch P of the support (5), wherein the secondary helix (6) comprises a plurality of turns (71, 72) with a pitch identical to the pitch of the helical support (5), said turns (71, 72) of the secondary helix (6) forming a surface that develops radially with respect to the longitudinal axis of the support (5), each turn (71, 72) of the secondary helix (6) being inscribed in a cylinder of diameter De, this diameter De of said cylinder being greater than or equal to 2.5 times the pitch of said support (5).

IPC 8 full level

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