

Title (en)

EXTRUDER UNIT AND DRYER EQUIPPED THEREWITH

Title (de)

EXTRUDEREINHEIT UND DAMIT AUSGERÜSTETE TROCKNUNGSANLAGE

Title (fr)

UNITÉ D'EXTRUSION ET INSTALLATION DE SÉCHAGE ÉQUIPÉE DE CELLE-CI

Publication

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Application

EP 13759494 A 20130905

Priority

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Abstract (en)

[origin: WO2014037424A1] The invention relates to an extruder unit for a dryer (2) for biomass, in particular slurry, wherein the extruder unit (1) has a surface section (4) for the biomass to pass through and a plurality of apertures (3), wherein the extruder unit (1) comprises a base support (5) which is connected by means of a connecting section (6) to a driving element (7) and can be driven by means of the driving element (7) about an axis of rotation (8) and relative to the surface section (4), wherein the base support (5) comprises at least one support arm (9) having at least one scraper blade (10) which during a rotation of the base support (5) follows the shape of the face of the surface section (4) facing the scraper blade (10). According to the invention the base support (5) also comprises at least one breaker element (11) having at least one scraper blade (10) which during a rotation of the base support (5) also follows the shape of the face of the surface section (4) facing the scraper blade (10) and during the rotation of the base support (5) effects a crushing of constituents contained in the biomass which are retained by the surface section (4). The invention further relates to a dryer having at least one corresponding extruder unit.

IPC 8 full level

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Citation (search report)

See references of WO 2014037424A1

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