

Title (en)

Wood chips drying plant for drying wood chips and method for drying wood chips

Title (de)

Holzspan Trocknungsanlage zum Trocknen von Holzspänen und zugehöriges Verfahren zum Trocknen von Holzspänen

Title (fr)

Installation de séchage de copeaux de bois destinée à sécher des copeaux de bois et procédé correspondant destiné à sécher des copeaux de bois

Publication

EP 2230477 B1 20141231 (DE)

Application

EP 09003440 A 20090310

Priority

EP 09003440 A 20090310

Abstract (en)

[origin: EP2230477A1] The chip drying system (10) has a drier (16) for drying a wood chip (18). A recirculation apparatus (56) includes an exhaust vapor heater (42) and recalculates exhaust vapors (34) into the drier. The exhaust vapor heater is provided with a regenerative and/or catalytic heat exchanger, which is arranged downstream behind the drier. The regenerative and/or catalytic heat exchanger heats up the exhaust vapors to a temperature, which is high enough to oxidize the majority of particles present in the exhaust vapors. Independent claims are also included for the following: (1) a method for drying a wood chip (2) a method for producing a derived timber plate.

IPC 8 full level

F26B 23/02 (2006.01)

CPC (source: EP KR US)

F26B 3/00 (2013.01 - KR); **F26B 3/04** (2013.01 - KR); **F26B 21/002** (2013.01 - KR); **F26B 21/02** (2013.01 - KR); **F26B 23/02** (2013.01 - KR); **F26B 23/022** (2013.01 - EP KR US); **F26B 23/024** (2013.01 - EP KR US); **F26B 25/06** (2013.01 - KR); **F26B 2210/16** (2013.01 - EP KR US); **Y10T 428/253** (2015.01 - EP US)

Cited by

CN103712429A; DE102015108742A1; DE102015108742B4; WO202223075A1

Designated contracting state (EPC)

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