

Title (en)

PROCESS AND APPARATUS FOR LOW-EMISSION DRYING OF WOOD CHIPS

Publication

**EP 0420859 B1 19920916 (DE)**

Application

**EP 89905579 A 19890510**

Priority

AT 122588 A 19880510

Abstract (en)

[origin: WO8911072A1] A process for low-emission drying of wood chips comprises a first drier (2), heated directly by a combustion chamber (3). Connected in series to this drier (2) is a second, indirectly heated drier (5), the exhaust air from which is recycled to the combustion chamber (3) through a duct (7). The exhaust gases emitted by the drier (2) enter a second combustion chamber (11), where they are heated to at least 300 DEG C to eliminate the noxious substances. The heat used for this purpose can be recovered by means of a waste heat boiler (14) and used to heat the second drier (5).

IPC 1-7

**F26B 3/00**; **F26B 23/02**

IPC 8 full level

**F26B 9/06** (2006.01); **F26B 3/00** (2006.01); **F26B 21/00** (2006.01); **F26B 23/02** (2006.01)

CPC (source: EP US)

**F26B 3/00** (2013.01 - EP US); **F26B 23/022** (2013.01 - EP US); **F26B 2200/24** (2013.01 - EP US)

Designated contracting state (EPC)

BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**WO 8911072 A1 19891116**; AT 399044 B 19950327; AT A122588 A 19940715; AU 3572989 A 19891129; AU 626872 B2 19920813; BR 8907425 A 19910402; DK 268090 A 19901108; DK 268090 D0 19901108; EP 0420859 A1 19910410; EP 0420859 B1 19920916; JP H04501599 A 19920319; US 5263266 A 19931123

DOCDB simple family (application)

**AT 8900047 W 19890510**; AT 122588 A 19880510; AU 3572989 A 19890510; BR 8907425 A 19890510; DK 268090 A 19901108; EP 89905579 A 19890510; JP 50529689 A 19890510; US 61365390 A 19901113