

Title (en)  
METHOD FOR THE THERMAL UTILIZATION OF SPENT GRAIN

Title (de)  
VERFAHREN ZUM THERMISCHEN VERWERTEN VON BIERTREBERN

Title (fr)  
PROCEDE DE VALORISATION THERMIQUE DE LA DRECHE

Publication  
**EP 1007884 A1 20000614 (DE)**

Application  
**EP 97911953 A 19971118**

Priority  
• AT 9700250 W 19971118  
• AT 202296 A 19961120

Abstract (en)  
[origin: WO9822751A1] In this method for the thermal utilization of wet spent grains (1), the wet spent grains (1) are pre-dried mechanically in a first drying stage (2). In a further drying stage (4), they are thermally dried, and finally thermally utilized by burning or gasification. In order for such a method to be economically practicable, in the further drying stage (4), the mechanically dehydrated malt spent grains (15) are heated with the aid of a flue gas stemming from the energy system of a brewery.

IPC 1-7  
**F23G 5/04**; **F23G 5/027**; **F23G 5/46**; **F23G 7/10**

IPC 8 full level  
**C12F 3/06** (2006.01); **F23G 5/027** (2006.01); **F23G 5/04** (2006.01); **F23G 5/46** (2006.01); **F23G 7/00** (2006.01); **F23G 7/10** (2006.01)

CPC (source: EP KR US)  
**F23G 5/027** (2013.01 - EP US); **F23G 5/04** (2013.01 - EP KR US); **F23G 5/46** (2013.01 - EP US); **F23G 7/10** (2013.01 - EP US);  
**F23G 2201/10** (2013.01 - EP US); **F23G 2201/20** (2013.01 - EP US); **F23G 2201/40** (2013.01 - EP US)

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DE102009021692A1; DE102008028600A1; EP2136138A2; CN112944382A; DE102013107985A1; EP2136138A3; EP2253693A1; EP2292726A1;  
DE102010033664A1; EP2975109A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9822751 A1 19980528**; AT 404253 B 19981027; AT A202296 A 19980215; AT E211238 T1 20020115; AU 4934397 A 19980610;  
BG 103481 A 20000331; BG 63514 B1 20020329; BR 9713369 A 20000125; CN 1135322 C 20040121; CN 1244908 A 20000216;  
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JP 3963481 B2 20070822; KR 100502965 B1 20050725; KR 20000069062 A 20001125; PL 188043 B1 20041130; PT 1007884 E 20020531;  
RO 118680 B1 20030829; SI 20034 A 20000229; TR 199901798 T2 19991021; US 6167636 B1 20010102

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BR 9713369 A 19971118; CN 97181355 A 19971118; DE 59705928 T 19971118; DK 97911953 T 19971118; EP 97911953 A 19971118;  
ES 97911953 T 19971118; HU P0000151 A 19971118; ID 990385 A 19971118; JP 52300798 A 19971118; KR 19997004482 A 19990520;  
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US 31519999 A 19990519