

Title (en)  
SPENT GRAIN BUNKER

Title (de)  
TREBERBUNKER

Title (fr)  
CUVE À DRÊCHES

Publication  
**EP 2142633 A1 20100113 (DE)**

Application  
**EP 08735006 A 20080403**

Priority  
• EP 2008002671 W 20080403  
• EP 07008788 A 20070430  
• EP 08735006 A 20080403

Abstract (en)  
[origin: EP1988151A1] The spent grain bunker for the reception of spent grain from a lauter tun for the production of wort, comprises a housing (2) and a delivery device (3) located in a funnel shaped lower region of the housing for delivering the spent grain from the bunker. A part of the side walls (11a, 11b) of the housing and/or a part of the front and rear walls (12a, 12b) are formed as sieve areas (5a, 5b). The housing has a base that has an opening and is partially formed as sieve areas. At the outside of the sieve area, a tub (7) is formed over which residual fluid from the spent grain is heatable. The spent grain bunker for the reception of spent grain from a lauter tun for the production of wort, comprises a housing (2) and a delivery device (3) located in a funnel shaped lower region of the housing for delivering the spent grain from the bunker. A part of the side walls (11a, 11b) of the housing and/or a part of the front and rear walls (12a, 12b) are formed as sieve areas (5a, 5b). The housing has a base that has an opening and is partially formed as sieve areas. At the outside of the sieve area, a tub (7) is formed over which residual fluid from the spent grain is heatable or under the sieve area, a groove is arranged over which the residual fluid discharges. The sieve areas are arranged in the housing and have corresponding tub or joint tub. The delivering device is variable-speed controlled and/or drivable in changing direction. A dispensing unit is arranged over the delivering device, which is a pressure screw that presses the residual fluid from the spent grain. The sieve area is arranged as tubular sieve basket at the base of the housing and has an opening directed towards the top. The pressure screw runs in the basket and has a first section that is arranged in the lower region of the housing, and a second section that extends itself on the side of the housing obliquely towards the top. Independent claims are included for: (1) lauter process for the production of wort by a lauter tun; and (2) a lauter tun for running off wort.

IPC 8 full level  
**C12C 7/14** (2006.01); **C12C 7/17** (2006.01)

CPC (source: EP US)  
**C12C 7/17** (2013.01 - EP US); **C12F 3/06** (2013.01 - EP US)

Citation (search report)  
See references of WO 2008131839A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1988151 A1 20081105; EP 1988151 B1 20120725**; BR PI0809720 A2 20140930; CA 2681019 A1 20081106; CA 2681019 C 20120703; CN 101675155 A 20100317; CN 101675155 B 20130828; DK 1988151 T3 20121029; EP 2142633 A1 20100113; JP 2010524792 A 20100722; RU 2009134477 A 20110610; RU 2427619 C2 20110827; US 2010196570 A1 20100805; WO 2008131839 A1 20081106

DOCDB simple family (application)  
**EP 07008788 A 20070430**; BR PI0809720 A 20080403; CA 2681019 A 20080403; CN 200880014104 A 20080403; DK 07008788 T 20070430; EP 08735006 A 20080403; EP 2008002671 W 20080403; JP 2010504487 A 20080403; RU 2009134477 A 20080403; US 59669408 A 20080403