

Title (en)

METHOD FOR TREATING A RICE GRAIN, AND TREATED RICE GRAIN

Title (de)

VERFAHREN ZUR BEHANDLUNG VON REISKÖRNERN UND BEHANDELTES REISKORN

Title (fr)

PROCEDE DE TRAITEMENT D'UN GRAIN DE RIZ ET GRAIN DE RIZ TRAITE

Publication

EP 3893667 A1 20211020 (FR)

Application

EP 19818080 A 20191213

Priority

- FR 1872854 A 20181213
- EP 2019085144 W 20191213

Abstract (en)

[origin: WO2020120758A1] The invention relates to a method for treating a grain of paddy or cargo rice, comprising the following successive steps:
- a step of hydration of the rice grain so as to bring the moisture content thereof to a value such that the starch of said rice grain can be gelatinised to a degree of between 80% and 100%; - a heat treatment step during which the hydrated rice grain is placed in an autoclave, a pressurised stream of steam is injected and the rice grain is kept under superatmospheric pressure, at a predefined temperature of between 120-160°C, for a predetermined treatment time of between 10 s and 15 min, in order to gelatinise the starch of the rice grain to a degree of between 80% and 100%, and once the treatment time has elapsed, the treated rice grain is immediately removed from the autoclave, in order to bring it directly back to atmospheric pressure. The invention also relates to methods for treating rice grains and to treated rice grains.

IPC 8 full level

A23L 7/10 (2016.01); **A23L 7/139** (2016.01); **A23L 7/196** (2016.01)

CPC (source: EP)

A23L 7/10 (2016.07); **A23L 7/139** (2016.07); **A23L 7/196** (2016.07)

Citation (search report)

See references of WO 2020120758A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2020120758 A1 20200618; EP 3893667 A1 20211020; FR 3089760 A1 20200619; FR 3089760 B1 20211210

DOCDB simple family (application)

EP 2019085144 W 20191213; EP 19818080 A 20191213; FR 1872854 A 20181213