

Title (en)

Apparatus for treatment of vegetable grains and use of this apparatus.

Title (de)

Behandlungsvorrichtung für Körner und Verwendung dieser Vorrichtung.

Title (fr)

Dispositif de traitement de grains végétaux et utilisation de ce dispositif.

Publication

EP 0509876 A1 19921021 (FR)

Application

EP 92400947 A 19920403

Priority

FR 9104651 A 19910416

Abstract (en)

The subject of the present invention is a device for treating plant grains, comprising, in a housing (1), means (2) for feeding the grains, located in the upper part of the housing (1), means (3) for dispensing the grains in a rain-like fashion, located below and in the axis of the means (2) for feeding, means (10) for humidifying the grains by spraying water, means (16) for drying (draining) the grains, means for transferring the humidified grains in the direction of an outlet lock (26-27) located in the lower part of the said housing (1), and means (40) for measuring the humidity content of the grains, placed at the outlet lock (26-27). The present invention applies more particularly to the humidification of cereal grains, for example for the milling trade. <IMAGE>

IPC 1-7

B02B 1/06

IPC 8 full level

B02B 1/06 (2006.01)

CPC (source: EP)

B02B 1/06 (2013.01)

Citation (search report)

- [Y] GB 528286 A 19401025 - THOMAS ROBINSON & SON LTD, et al
- [Y] GB 560731 A 19440418 - THOMAS ROBINSON & SON LTD, et al
- [Y] US 1327444 A 19200106 - LEWELLYN PHILLIPS FRANCIS
- [Y] FR 2540746 A1 19840817 - GIAI GILBERT [FR]
- [Y] GB 866954 A 19610503 - THOMAS ROBINSON & SON LTD
- [A] US 2964408 A 19601213 - GATES WILBUR C
- [A] US 3747511 A 19730724 - PALYI L
- [A] DE 2346527 A1 19740522 - FORTSCHRITT VEB K

Cited by

US5516048A; WO9408717A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0509876 A1 19921021; AU 1408692 A 19921022; CA 2066107 A1 19921017; CN 1070130 A 19930324; FR 2675400 A1 19921023

DOCDB simple family (application)

EP 92400947 A 19920403; AU 1408692 A 19920407; CA 2066107 A 19920415; CN 92103379 A 19920415; FR 9104651 A 19910416