

Title (en)
A RACKING SYSTEM FOR STORAGE ROOMS, STORAGE ROOMS WITH SAID RACKING SYSTEM AND A METHOD FOR ASSURING UNIFORM TEMPERATURE IN SAID STORAGE ROOM

Title (de)
REGALSYSTEM FÜR LAGERRÄUME, LAGERRÄUME MIT DIESEM REGALSYSTEM UND VERFAHREN ZUR SICHERSTELLUNG EINER GLEICHMÄSSIGEN TEMPERATUR IN DIESEM LAGERRAUM

Title (fr)
SYSTÈME DE RAYONNAGE POUR SALLES DE STOCKAGE, SALLES DE STOCKAGE AVEC LEDIT SYSTÈME DE RAYONNAGE ET PROCÉDÉ POUR ASSURER UNE TEMPÉRATURE UNIFORME DANS LADITE SALLE DE STOCKAGE

Publication
EP 4137764 A1 20230222 (EN)

Application
EP 22178118 A 20220609

Priority
EP 21192259 A 20210819

Abstract (en)
A cooling storage room (1) for storage, preservation and/or ripening of food, more precisely tropical fruit like bananas with controlled uniform temperature and a method for assuring uniform temperature in said cooling storage room. A racking system (2) is arranged to be installed between two lanes of pallets (3) with produce or around/above at least one lane of stacked pallets (3), wherein it is provided with air fans (5) that create a pressure differential inside the racking system (2), thus determining air distribution, which ensures stable, uniform air flow through all product pallets (3) or boxes, regardless of their position in the storage room (1). Therefore, air (6) flows not only around the boxes, but also through them.

IPC 8 full level
F25D 17/00 (2006.01); **F25D 17/06** (2006.01)

CPC (source: EP)
F25D 17/005 (2013.01); **F25D 17/06** (2013.01)

Citation (applicant)
• US 5899084 A 19990504 - FRANASZEK STANISLAW [AT], et al
• EP 0742887 A1 19961120 - TRANSPHERE SYSTEMS LTD [NZ]

Citation (search report)
• [X1] JP 5268172 B2 20130821
• [X1] US 10955186 B1 20210323 - KENNEALLY KEITH A [US]
• [X1] KR 101231928 B1 20130215 - SINSEGAE FOOD CO LTD [KR]

Designated contracting state (EPC)
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BA ME

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