

Title (en)
IMPROVEMENTS IN OR RELATING TO A CONDENSATE COLLECTOR

Publication
EP 0505171 A3 19930113 (EN)

Application
EP 92302346 A 19920318

Priority
NZ 23748291 A 19910319

Abstract (en)
[origin: EP0505171A2] The invention relates to a condensate collector comprising a lid (1) having a downwardly facing portion (4) which is positioned over a vegetable bin 2 in a refrigerator (24). The downwardly facing portion (4) has a plurality of spaced apart, drainable elongate channels or grooves (9). Condensate formed as a result of fruit/vegetables in the vegetable bin (2) respiring collects in the channels or grooves (9) and tends to be drawn towards the upwardly disposed bases (10) thereof as a result of water tension. The ability of the condensate to collect in the grooves (9) is reliant on the dimensions and spacings of the grooves (9). The lid (1) is provided on a slight angle towards the rear of the refrigerator (24) so that condensate can drain to a baffle (13) and evaporate therefrom. A combination of the lid (1) and vegetable/fruit bin (2) is also claimed as is a method of collecting condensate using the condensate collector. <IMAGE>

IPC 1-7
F25D 21/14; **F25D 25/00**

IPC 8 full level
F25D 21/14 (2006.01); **F25D 23/00** (2006.01); **F25D 25/00** (2006.01)

CPC (source: EP)
F25D 21/14 (2013.01); **F25D 25/025** (2013.01); **F25D 2321/1441** (2013.01); **F25D 2321/147** (2013.01); **F25D 2500/02** (2013.01)

Citation (search report)
• [Y] US 2755158 A 19560717 - DAVIDSON WILLIAM E
• [Y] DE 1006441 B 19570418 - BBC BROWN BOVERI & CIE
• [A] US 2267486 A 19411223 - WEST JOHN B
• [A] US 2377941 A 19450612 - IWASHITA GEORGE K
• [A] US 2275324 A 19420303 - SCOTT JAMES G
• [A] US 4949847 A 19900821 - NAGATA KOHJI [JP]
• [A] US 2750759 A 19560619 - HARLE HAROLD P
• [A] US 2670611 A 19540302 - GUSTAF FAGERBERG SVEN, et al
• [A] US 3108455 A 19631029 - HANSON ROBERT S

Cited by
CN102080917A; US6883336B2; CN102498357A; CN102235788A; US6173580B1; US6367276B1; WO2011026726A3; WO0117368A3

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

DOCDB simple family (publication)
EP 0505171 A2 19920923; **EP 0505171 A3 19930113**; **EP 0505171 B1 19970604**; AT E154121 T1 19970615; AU 1299192 A 19920924; AU 653790 B2 19941013; DE 69220117 D1 19970710; DE 69220117 T2 19970918; JP H0571856 A 19930323; NZ 237482 A 19950224

DOCDB simple family (application)
EP 92302346 A 19920318; AT 92302346 T 19920318; AU 1299192 A 19920318; DE 69220117 T 19920318; JP 6336192 A 19920319; NZ 23748291 A 19910319