

Title (en)  
Heater for product stream

Title (de)  
Produktstromerhitzer

Title (fr)  
Dispositif chauffant pour un courant de produits

Publication  
**EP 1487240 B1 20050831 (DE)**

Application  
**EP 03013574 A 20030613**

Priority  
EP 03013574 A 20030613

Abstract (en)  
[origin: EP1487240A1] The device has a product carrying channel (2) through which the product flows and an arrangement for producing high frequency electrical alternating fields with electrodes (8,9), electrode connections (10,11) and an a.c. field generator. The electrodes are arranged in the product carrying channel. The electrodes are arranged on opposite sides of the channel and the device has at least one electrode pair. An independent claim is also included for the following: (a) a method of heating product flows, especially flows of fruit or food product flows containing pieces of fruit.

IPC 1-7  
**H05B 6/60**

IPC 8 full level  
**H05B 6/54** (2006.01); **A23B 7/00** (2006.01); **H05B 6/02** (2006.01); **H05B 6/40** (2006.01); **H05B 6/60** (2006.01)

CPC (source: EP US)  
**H05B 6/60** (2013.01 - EP US)

Cited by  
EP2289342A1; US8861945B2; EP2604090A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1487240 A1 20041215; EP 1487240 B1 20050831**; AT E303710 T1 20050915; BR PI0402215 A 20050222; CA 2470802 A1 20041213; CA 2470802 C 20090602; CN 100469200 C 20090311; CN 1575047 A 20050202; DE 50301102 D1 20051006; DK 1487240 T3 20051107; ES 2247455 T3 20060301; HR P20040539 A2 20051231; HR P20040539 B1 20070531; JP 2005058219 A 20050310; PL 203969 B1 20091130; PL 368497 A1 20041227; RU 2004118459 A 20051210; RU 2283546 C2 20060910; SA 04250279 B1 20070807; SI 1487240 T1 20051231; US 2005019025 A1 20050127; US 7411165 B2 20080812

DOCDB simple family (application)  
**EP 03013574 A 20030613**; AT 03013574 T 20030613; BR PI0402215 A 20040614; CA 2470802 A 20040611; CN 200410055092 A 20040611; DE 50301102 T 20030613; DK 03013574 T 20030613; ES 03013574 T 20030613; HR P20040539 A 20040611; JP 2004175892 A 20040614; PL 36849704 A 20040614; RU 2004118459 A 20040611; SA 04250279 A 20040911; SI 200330068 T 20030613; US 86532704 A 20040610