

Title (en)
Heater for product stream

Title (de)
Produktstromerhitzer

Title (fr)
Dispositif chauffant pour un courant de produits

Publication
EP 1487240 A1 20041215 (DE)

Application
EP 03013574 A 20030613

Priority
EP 03013574 A 20030613

Abstract (en)
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.

Abstract (de)
Vorrichtung und Verfahren zum Erhitzen von Produktströmen, insbesondere von Frucht oder Fruchtstücke enthaltenden Lebensmittelproduktströmen, mit einem produktführenden Kanal (2) durch den das Produkt hindurchströmt und mit einer Vorrichtung zum Erzeugen von hohen elektrischen Wechselfeldern, wobei diese Elektroden (8,9), Elektrodenanschlüsse (10,11) und eine Wechselfeldgenerator umfasst. Die Erfindung ist dadurch ausgezeichnet, dass die Elektroden (8,9) innerhalb des produktführenden Kanals (2) angebracht sind. <IMAGE>

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)

Citation (search report)

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