

Title (en)

Use of a pipe heater for transferring heat between at least two food flows and method

Title (de)

Verwendung eines Röhrenwärmeüberträgers zur Wärmeübertragung zwischen wenigstens zwei Lebensmittelströmen und Verfahren zur Wärmeübertragung zwischen wenigstens zwei Lebensmittelströmen

Title (fr)

Utilisation d'un caloporteur tubulaire de transmission de la chaleur entre au moins deux flux d'aliments et procédé

Publication

**EP 2149770 B2 20161123 (DE)**

Application

**EP 09009293 A 20090716**

Priority

DE 102008036125 A 20080801

Abstract (en)

[origin: EP2149770A2] The exchanger (6) has heat transfer pipes (1) arranged in an inner side of a casing pipe (8), where fluid food flow is guidable in the heat transfer pipes. Another fluid food flow is guided in a casing space (10) between the casing pipe and the heat transfer pipes. A portion of the each heat transfer pipe is partially deformed such that the heat transfer pipes contact each other at selected points. The heat transfer pipes are arranged adjacent to each other and arranged at a distance from each other. Each pipe comprises a deformation section (4) with different cross sectional shapes. An independent claim is also included for a method for transferring heat between two food flows.

IPC 8 full level

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Cited by

RU169811U1; WO2014006151A1; WO2016120283A1; WO2019202557A1; US10746481B2; US10627169B2; US11885574B2; EP2984438B1

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