

Title (en)

Process and apparatus to guide the fluid in tube bundle heat exchangers for thermal treatment of suspensions.

Title (de)

Verfahren und Anordnung zur Strömungsführung in Rohrbündel-Wärmeaustauschern zur thermischen Behandlung von Suspensionen

Title (fr)

Procédé et agencement de guidance d'écoulement dans des échangeurs de chaleur à faisceau tubulaire pour le traitement thermique de suspensions

Publication

**EP 1742006 A1 20070110 (DE)**

Application

**EP 06011990 A 20060610**

Priority

DE 102005030999 A 20050702

Abstract (en)

A dairy industry heat exchanger has a group of pipes that heat a suspension also incorporating lumpy material or elongated fibers. Prior to introduction to the heat exchanger, the suspension is sub-divided into a number of fractions that are separated by a distance which is at least as wide as the longest fiber component in the suspension. Each fraction passes individually through the heat exchanger.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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