

Title (en)
TUBE BUNDLE HEAT EXCHANGER AND METHOD FOR REMOVING DISSOLVED SUBSTANCES FROM A POLYMER SOLUTION BY MEANS OF DEGASSING IN A TUBE BUNDLE HEAT EXCHANGER

Title (de)
ROHRBÜNDELWÄRMEÜBERTRAGER UND VERFAHREN ZUR ENTFERNUNG VON GELÖSTEN STOFFEN AUS EINER POLYMERLÖSUNG DURCH ENTGASUNG IN EINEM ROHRBÜNDELWÄRMEÜBERTRAGER

Title (fr)
ECHANGEUR DE CHALEUR TUBULAIRE, ET PROCEDE POUR SUPPRIMER LES MATIERES DISSOUTES DANS UNE SOLUTION POLYMERE, PAR DEGAZAGE DANS UN ECHANGEUR DE CHALEUR TUBULAIRE

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Application
EP 06794009 A 20061011

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Abstract (en)
[origin: WO2007042529A1] The invention proposes a tube bundle heat exchanger (R) for removing dissolved substances from a polymer solution (4) by means of degassing, having a bundle of tubes (1) which are arranged parallel to one another and vertically and are fastened at both ends in each case in a tube base (2), having a fixture (3) in each tube (1) which narrows the free passage cross section through the tube (1), wherein the tubes (1) are traversed by the polymer solution (4), and having a casing space (5) around the tubes (1) which is traversed by a liquid heat carrier (6), having deflecting plates (7) in the casing space (5) which are each arranged in cross-sectional planes of the tube bundle heat exchanger (R) and in each case form a deflecting region (8) for the heat carrier (6), which tube bundle heat exchanger (R) is characterized in that no tubes (1) are arranged in the deflecting regions (8), and in that all the fixtures (3) are of identical design.

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See references of WO 2007042529A1

Cited by
FR3137752A1; CN110100142A; DE102015102311A1; DE102015102311A8; DE102015102311A8; DE102015102312A1; DE102015102312A8; DE102015102312A8; DE102020002040A1; WO2024008650A1

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