

Abstract

Extraction column and process for extracting a constituent from a fluid

The present invention relates to an extraction column 1 having a vertically aligned column body 2 which is cylindrical at least in sections and forms a column cavity 3 having a horizontal maximum extent, with provision in the column body 2 of at least one first feed 4 for an extractant, at least one second feed 5 for the fluid to be extracted, and at least one outlet 6 for the extract mixture and at least one outlet for the raffinate. It is a characteristic feature of the inventive extraction column 1 that a vertically aligned divider 7 arranged within the column cavity 3 subdivides the column cavity 3 into a plurality of vertically aligned and horizontally divided regions, the horizontal maximum extent of each region being less than the horizontal maximum extent of the column cavity 3. The invention further relates to a process for extracting a constituent from a fluid by means of such an extraction column 1.

15 Fig. 7