

BASF Aktiengesellschaft

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**Abstract**

Column tray for a mass transfer column, in particular one provided with a support ring at the circumference, which tray has support elements and tray plates arranged side by side on the support elements and having  
10 passages, in particular holes, valves or bubble caps, wherein the majority, preferably the total number, of tray plates are connected liquid-tight, preferably welded, to the support elements or the support ring, in particular in discrete area elements; the majority, preferably the total number, of support  
15 elements are connected liquid-tight, preferably welded, to one another and to the column wall or the support ring, in particular in discrete area elements; and in addition the majority, preferably the total number, of adjacent tray plates and support elements are separated from one another and from the column wall or the support ring by gaps having a width of from 1 to 15 mm, preferably from 1 to 7 mm.

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This Sheet Has Been Replaced

