

Title (en)  
FRACTIONATION TRAYS

Title (de)  
REKTIFIKATIONSODEN

Title (fr)  
PLATEAU DE FRACTIONNEMENT

Publication  
**EP 0954363 A1 19991110 (EN)**

Application  
**EP 97902083 A 19970127**

Priority  
US 9701234 W 19970127

Abstract (en)  
[origin: CA2277214A1] A fractionating column (1) is provided which has perforated fractionating trays (2) and downcomers (7) allowing liquid to flow from one tray to the tray immediately below, said downcomers being provided with radial outflow ports (4) directing downflowing liquids towards the column wall rather than onto the surface of the tray directly below the downcomer. This permits at least a portion of the under-downcomer area to be perforated thereby increasing the capacity of the tray for vapor/liquid contact and ensuring that weeping of the liquid through the perforations is avoided without need for an increase in vapor pressure.

IPC 1-7  
**B01D 3/20**; **B01D 3/22**

IPC 8 full level  
**B01D 3/20** (2006.01); **B01D 3/22** (2006.01)

Citation (search report)  
See references of WO 9832511A1

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DE FR GB IT

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