

Title (en)

DOWNCOMER FOR CHEMICAL PROCESS TOWER

Title (de)

ÜBERLAUF FÜR KOLONNE ZUR DURCHFÜHRUNG CHEMISCHER PROZESSE

Title (fr)

PLATEAU PERFORE POUR COLONNE A PLATEAUX

Publication

**EP 0964732 A1 19991222 (EN)**

Application

**EP 98907678 A 19980227**

Priority

- US 9803920 W 19980227
- US 81143497 A 19970303

Abstract (en)

[origin: WO9839077A1] An improved downcomer for vapor liquid contact towers. The downcomer is formed between generally semi-conical walls and the wall of the tower. The downcomer outlet is formed by the lower edge of the generally semi-conical walls and the wall of the tower with the lower edge of the generally semi-conical walls being closer to the wall of the tower at the center of the downcomer outlet than at the opposing end portions of the downcomer outlet so that more liquid flows through the opposing end portions of the downcomer outlet than through the center of the downcomer outlet thereby providing a substantially uniform flow of liquid across the tray adjacent the downcomer.

IPC 1-7

**B01D 3/20**; **B01J 10/00**

IPC 8 full level

**B01D 3/20** (2006.01); **B01J 10/00** (2006.01); **B01J 19/32** (2006.01)

CPC (source: EP KR)

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Citation (search report)

See references of WO 9839077A1

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

**WO 9839077 A1 19980911**; AR 011917 A1 20000913; AU 6342998 A 19980922; AU 716737 B2 20000302; BR 9807643 A 20000222; CA 2278756 A1 19980911; CO 4761079 A1 19990427; EP 0964732 A1 19991222; ID 20927 A 19990325; JP 2001513701 A 20010904; KR 20000075884 A 20001226; TW 438616 B 20010607; ZA 981737 B 19980821

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