

Title (en)

APPARATUS AND METHOD FOR DISTRIBUTING FLUID STREAM WITHIN CHEMICAL PROCESS REACTOR, COLUMN OR VESSEL

Title (de)

VORRICHTUNG UND VERFAHREN ZUR VERTEILUNG VON FLUIDEN IN EINEM CHEMISCHEN PROZESSREAKTOR, EINER KOLONNE ODER EINEM BEHÄLTER

Title (fr)

DISPOSITIF ET PROCEDE DE DISTRIBUTION D'UN FLUX DE FLUIDE DANS UN REACTEUR, UNE COLONNE OU UNE CUVE DE TRAITEMENT CHIMIQUE

Publication

**EP 1165226 A1 20020102 (EN)**

Application

**EP 00913802 A 20000308**

Priority

- US 0006026 W 20000308
- US 12322199 P 19990308

Abstract (en)

[origin: WO0053307A1] A fluid distributing element (10) is provided to facilitate the distribution and, optionally, mixing of one or more fluid streams. The element (10) has a plurality of radially aligned, corrugated plates (22, 22a, 22b) that form a plurality of fluid flow channels. Fluid streams entering the element (10) flow along the flow channels and exit the element (10) in a full cone spray pattern. The fluid streams can be directed by a conduit (14) to the fluid distributing element (10) which can be located partially within the outlet (12) of the conduit (14).

IPC 1-7

**B01J 8/02**; **B01J 4/00**; **B01D 3/00**

IPC 8 full level

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Citation (search report)

See references of WO 0053307A1

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