

Title (en)

Deflecting means for a fluid current and its use in an apparatus.

Title (de)

Ablenkgitter für eine Fluidumströmung und seine Anwendung in einer Vorrichtung.

Title (fr)

Grille de déflexion d'un courant de fluide et dispositif en faisant application.

Publication

EP 0044529 A1 19820127 (FR)

Application

EP 81105578 A 19810716

Priority

FR 8016221 A 19800723

Abstract (en)

[origin: US4380877A] An inlet grating (11) is constituted by a thin corrugated sheet having rounded corrugation tops (15) facing incident gas flow (25) arriving at an oblique angle. The corrugations are parallel and regularly spaced with perforations at the bottoms thereof (23). Suitable choice of dimensions, together with optional auxiliary openings (24), can ensure a uniform flow perpendicular to the plane of the trough bottoms at a suitable distance therefrom. This is of particular application to drying apparatus.

Abstract (fr)

Le grille d'entrée (11) est constituée par une tôle mince ondulée présentant face à l'écoulement des arrondis (15) parallèles régulièrement répartis, les flancs (16, 16') de deux arrondis adjacents constituant des canaux (19) convergents sur un fond perforé (23). L'invention s'applique notamment aux séchoirs.

IPC 1-7

F26B 21/00; **F26B 21/02**; **F15D 1/00**

IPC 8 full level

B01F 5/10 (2006.01); **B01J 19/00** (2006.01); **F15C 1/02** (2006.01); **F15D 1/00** (2006.01); **F26B 21/00** (2006.01); **F26B 21/02** (2006.01)

CPC (source: EP US)

F15D 1/001 (2013.01 - EP US); **F26B 21/004** (2013.01 - EP US); **F26B 21/02** (2013.01 - EP US)

Citation (search report)

- FR 1497984 A 19671013 - WINDMOELLER & HOELSCHER
- GB 718418 A 19541117 - JULIEN DUNGLER
- US 3765103 A 19731016 - MILES T
- FR 1088468 A 19550308 - COURTAULDS LTD
- FR 975566 A 19510307 - ANCIENS ETS BRISSONNEAU & LOTZ
- DE 2547902 A1 19770505 - FRANKENTHAL AG ALBERT
- US 4173831 A 19791113 - MCCORD ROBERT C [US]

Cited by

FR2911393A1; EP0878680A1

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EP 0044529 A1 19820127; **EP 0044529 B1 19840111**; CA 1163798 A 19840320; DE 3161892 D1 19840216; FR 2487450 A1 19820129; FR 2487450 B1 19840406; JP S5765315 A 19820420; US 4380877 A 19830426

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