

Title (en)

Seal for pressurized equipments through which the material to be treated is conveyed

Title (de)

Dichtungsvorrichtung für unter Druck stehende Einrichtungen zur Förderung von zu behandeltem Material

Title (fr)

Dispositif d'étanchéité pour équipements sous pression à travers lesquels le matériau à traiter est transporté

Publication

EP 1325974 A3 20031119 (EN)

Application

EP 02022385 A 20021009

Priority

IT FI20010188 A 20011010

Abstract (en)

[origin: EP1325974A2] The entry f1 into the pressure treatment space (11) of the equipment and the exit f3 therefrom consist of ducts (13,15), each duct having an intermediate portion (13A, 15A) of high hydraulic resistance; in points (25, 25A) between said intermediate portion and the treatment space (11) a liquid is introduced under the same or slightly higher pressure than that existing in the treatment space (11); the liquid under pressure prevents the aeriform substance from exiting the treatment space (11), whereas the flow of said liquid towards the outside is limited by the intermediate portion (13A; 15A). <IMAGE>

IPC 1-7

D06B 23/18

IPC 8 full level

D06B 23/18 (2006.01)

CPC (source: EP)

D06B 23/18 (2013.01)

Citation (search report)

- [X] US 4332151 A 19820601 - BROSSMER MAX, et al
- [X] US 3460359 A 19690812 - SCHIFFER GUNTER
- [A] EP 1134315 A2 20010919 - STRAEMKE SIEGFRIED DR [DE]
- [A] DE 19909380 A1 20000817 - TEMCO TEXTILMASCHKOMPONENT [DE]
- [A] US 3981162 A 19760921 - KLIER SHIMON

Cited by

EP2133192A3; EP2982791A1; US10465313B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

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