

Title (en)

SEALING CONNECTION BETWEEN TWO CURVED WALLS WITH TRANSITION TO A STRAIGHT WALL

Publication

EP 0359988 A3 19900613 (DE)

Application

EP 89114986 A 19890813

Priority

DE 3831744 A 19880918

Abstract (en)

[origin: EP0359988A2] To seal off the seams of cover channels, in particular of chemical product lines, which are composed of individual, shell-shaped channel sections abutting in a longitudinal direction and consisting of sheet-metal walls filled with insulating material, provision is made according to the invention, to prevent entry of moisture and exchange of air while enabling relative movements between individual channel sections, for each seam (9) to be designed so as to open outwards in a wedge shape, for the outer sheet (5) of each channel section (4), in the area adjoining the seam (9), to have a bead (11) projecting outwards, and for at least the area of the seam (9) and of the beads (11) adjoining on either side to be covered under preloading by an approximately U-shaped steel band (13) between which and the outer channel wall (5) an elastic sealing strip (12) is clamped. <IMAGE>

IPC 1-7

E21D 11/38; E02D 29/10

IPC 8 full level

E21D 11/38 (2006.01); **F16L 1/038** (2006.01); **F16L 57/00** (2006.01)

CPC (source: EP)

E21D 11/385 (2013.01)

Citation (search report)

- [Y] DE 1253746 B 19671109 - THEODOR KUEPPERS BAUGESELLSCHA
- [Y] US 3048427 A 19620807 - MAHOFF GEORGE A, et al
- [A] FR 1253153 A 19610203 - SUPERWELDS LEWISHAM LTD

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