

Title (en)
THERMALLY INSULATED ELEMENTS FOR STORAGE AND TRANSPORT CONTAINERS

Publication
EP 0110022 B1 19870715 (DE)

Application
EP 83108601 A 19830831

Priority
CH 688582 A 19821126

Abstract (en)
[origin: US4497859A] Mobile and collapsible insulating insert for storage and transportation containers. The insert has a hood which has connected outside surfaces made of non-foamed, flexible material. The mass and contours thereof correspond to the inside surfaces of the container. The outside surfaces are provided with pockets of non-foamed, flexible material, projecting into the inside of the hood, disposed closely one beside the other and extending over the length of the outside surfaces. The pockets are filled tightly and alternately with an open-celled foam plastic and a closed foam plastic. The hood has a releasable closing arrangement, which permits the temporary connection of at least one of the outside surfaces of the hood with the adjacently located outside surfaces of an insulating bottom plate. A fluid-tight bottom trough is attached between the bottom of the storage and transportation container and the bottom plate of the insulating insert.

IPC 1-7
B65D 90/06; **B65D 90/04**

IPC 8 full level
B65D 90/04 (2006.01); **B65D 90/06** (2006.01)

CPC (source: EP US)
B65D 90/06 (2013.01 - EP US); **Y10S 220/902** (2013.01 - EP US); **Y10T 428/233** (2015.01 - EP US)

Cited by
DE8815192U1; EP0428018A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0110022 A2 19840613; **EP 0110022 A3 19851030**; **EP 0110022 B1 19870715**; AT E28314 T1 19870815; BR 8306424 A 19840626; CA 1209497 A 19860812; DE 3372467 D1 19870820; DK 156895 B 19891016; DK 156895 C 19900409; DK 506783 A 19840527; DK 506783 D0 19831104; ES 285324 U 19850901; ES 285324 Y 19860501; IE 54614 B1 19891206; IE 832351 L 19840526; US 4497859 A 19850205; YU 232283 A 19880229; YU 45165 B 19920310

DOCDB simple family (application)
EP 83108601 A 19830831; AT 83108601 T 19830831; BR 8306424 A 19831123; CA 438247 A 19831003; DE 3372467 T 19830831; DK 506783 A 19831104; ES 285324 U 19831125; IE 235183 A 19831005; US 54190383 A 19831014; YU 232283 A 19831124