

Title (en)
TUBULAR INSULATING CURTAIN AND METHOD OF MANUFACTURE

Publication
EP 0004455 A3 19791128

Application
EP 79300444 A 19790321

Priority
• FI 780877 A 19780321
• FI 780878 A 19780321
• US 94208778 A 19780913

Abstract (en)
[origin: EP0004455A2] A selectively collapsible and expandable insulating curtain and the method of making same, the curtain having a plurality of collapsible tubes, preferably of plastic material, extending longitudinally for its width and superimposed one on top of the other in a row in the direction of curtain height. Each tube has an upper wall and a lower wall secured together by bands of adhering contact on opposite sides of the tubular cavity. Additional bands of adhering contact secure superimposed tubes to each other longitudinally along midsections of the upper and lower walls. The side bands of contact define fold lines allowing collapse and expansion of the tubes as the curtain is raised and lowered, respectively, in the manner of a venetian blind. The curtain may include additional rows of superimposed tubes one adjacent to the other in the direction of curtain thickness. In making the curtain, a plurality of thinfilm strips are wound about the periphery of a forming member with bands of adhering material interlaminated between adjacent strips, the width of the midsection bands corresponding to the desired width of the expanded tubes and bands between successive adjoining layers being in a staggered relationship. After winding is complete, the superimposed strips are cut transversely, removed from the forming member and straightened to form the curtain. The number of spaced bands may be such that the strips may also be cut longitudinally to provide a plurality of curtains. After straightening, means may be secured to the tubular structure for hanging and selectively collapsing and expanding the curtain.

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CPC (source: EP)
A47H 23/00 (2013.01); **B31D 3/0215** (2013.01); **E06B 9/262** (2013.01); **E06B 2009/2627** (2013.01)

Citation (search report)
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EP 79300444 A 19790321; AU 4527179 A 19790320; CA 322662 A 19790302; DE 2964128 T 19790321; DK 116879 A 19790321; GB 7908953 A 19790314; NO 790951 A 19790321