

[54] **PACKING CONTAINER FOR OBJECTS OF VARIABLE LENGTHS**

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[57] **ABSTRACT**

**Related U.S. Application Data**

[63] Continuation-in-part of Ser. No. 568,386, April 16, 1975, abandoned.

A packing container for elongated objects of variable length is formed of two tubular shaped bodies each closed at one end and open at the other. One of the bodies fits into the other in a telescoping manner. In the telescoped position the inner body has a longitudinal groove extending from its open end with equidistantly spaced locking grooves opening off the longitudinally extending groove. The outer body has one or several inwardly projecting detents formed adjacent its open end. If plural detents are used, they are longitudinally aligned and arranged at the same spacing as the locking grooves. The detents are shaped to pass through the longitudinally extending groove and to fit in an interlocking manner with the locking grooves. By relative rotation of the telescoped bodies about their longitudinal axes, the detents can be moved into the locking grooves and the two bodies locked together at a selected overall length in accordance with the length of the packaged object. The inner body can be provided with surfaces at the openings into the body grooves for the longitudinal groove so that a certain resistance must be overcome in the rotational movement of the detents into and out of the locking grooves.

**Foreign Application Priority Data**

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[51] Int. Cl.<sup>2</sup> ..... B65D 7/04; B65D 7/30

[52] U.S. Cl. .... 220/8; 206/349; 206/446; 206/590; 285/303; 285/402

[58] Field of Search ..... 220/8, 288, 300; 285/303, 402; 206/3, 277, 317, 364, 365, 349, 379, 380, 384, 443, 446, 521, 530, 590

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27 Claims, 9 Drawing Figures

