

Title (en)  
Arrangement for tying an object

Title (de)  
Anordnung zum Binden eines Gegenstands

Title (fr)  
Arrangement pour encercler un objet

Publication  
**EP 0596363 B1 19970115 (DE)**

Application  
**EP 93117249 A 19931025**

Priority  
DE 9214902 U 19921102

Abstract (en)  
[origin: EP0596363A1] Tool for tying an article (19) by means of a band, consisting of a band tongue (7) and of a buckle which is connected to one end of the band tongue and which has a band orifice for receiving the other end of the band tongue. The elongate tool has an openable and closable looping-round guide (15, 16) on the end face of the tool for the purpose of guiding the band around the article (19). Provided within the looping-round guide, on the end face of the tool, is a buckle mounting (34, 35), from which the looping-round guide (15, 16) extends and to which it returns. Provided in the tool body is a guide channel (5), extending approximately parallel to its longitudinal direction, for guiding the band in its longitudinal direction from an initial position into the looping-round and tying position. Provision is made, according to the invention, for the buckle mounting (34, 35) on the end face of the tool to be arranged on the circumference of the largest circle cross-section which can be received by the looping-round guide (15, 16). The angle between the direction of the end of the band tongue connected to the buckle and the direction of the band orifice on the side facing the looping-round guide is between 135° and 180°. The guide channel (5) contains, in its end portion approaching the buckle mounting, a guide device for the band tongue (7), the said guide device being formed by a rectilinear or concavely curved guide face (3) and a guide element (41) which presses the band tongue (7) against the guide face (3). <IMAGE>

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**B65B 13/02**

IPC 8 full level  
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Cited by  
US5845681A; EP0835809A1; US10457429B1

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