

Title (en)
CONNECTING ASSEMBLY FOR LOAD-LIFTING DEVICES

Publication
EP 0105022 B1 19890111 (DE)

Application
EP 83730089 A 19830921

Priority
• DE 3235301 A 19820921
• DE 3235302 A 19820921

Abstract (en)
[origin: EP0105022A2] 1. A construction kit for fitting together, hoisting and/or clamping devices, comprising belts (1) of varying bearing capacity and also comprising components (3) connectable thereto by coupling elements (2), the components being e.g. hooks, shackles, fork heads, shortening claws, connecting adaptors for clamping and/or monitoring devices likewise of varying capacity, the coupling elements (2) being used for matching the belts (1) to components (3) or clamping and/or monitoring devices of equal bearing capacity, characterised in that the coupling elements (2) are formed with an opening (7, 8) for connecting a neck (5) of the components (3) or the clamping and/or monitoring devices, the neck being adjacent a head (4) bearing on a base (14) of the coupling element (2) surrounding at least part of the connecting opening (7, 8) and the dimensions of opening (7, 8) are matched to the dimensions of the neck (5) and head (4) of the component (3) or of the clamping and/or monitoring devices so that the neck (5) of larger-dimensioned components (3) or of clamping and/or monitoring devices does not fit into the opening (7, 8) whereas the head (4) of smaller-dimensioned components (3, 4) of clamping and/or monitoring devices, owing to its too small dimensions, can pass through the opening (7) in the base (14) and consequently cannot be locked therein.

IPC 1-7
F16G 11/00

IPC 8 full level
F16G 11/00 (2006.01)

CPC (source: EP)
B66C 1/14 (2013.01); **B66C 1/18** (2013.01)

Cited by
CN111204652A; DE19652193A1; WO2022099734A1; WO2007040430A1; US8157304B2; EP4046953A1

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