Title (en)

DOCKING MODULE, LABELLING MACHINE AND DOCKING METHOD

Title (de)

ANDOCKMODUL, ETIKETTIERMASCHINE UND VERFAHREN ZUM ANDOCKEN

Title (fr)

MODULE D'ACCUEIL, MACHINE À ÉTIQUETER ET PROCÉDÉ D'ACCUEIL

Publication

EP 3887262 B1 20240327 (DE)

Application

EP 19783988 A 20190925

Priority

- DE 102018220373 A 20181127
- EP 2019075859 W 20190925

Abstract (en)

[origin: WO2020108822A1] In a docking module A having a docking station S for a labelling subassembly E, and having multicouplings K1-K4 in the docking station S and on the labelling subassembly E, it being possible for said multicouplings to be plugged one into the other, the docking station A has an actuating drive 13 for the plug-in connection of the multicouplings K1-K4, and each multicoupling K1, K2 in the docking station A has a cover D, which can be moved between open and closed positions, wherein a mechanical movement-control means 6 is provided between the cover D and the docking station A, allowing the cover D to be brought automatically out of the closed position into the open position when making the plug-in connection. As far as the method is concerned, the movement of the multicouplings K1, K2 relative to the docking station S performed by the actuating drive 13 is transmitted to the cover D by a mechanical movement-control means 6 for automatic actuation of said cover.

IPC 8 full level

B65C 9/00 (2006.01)

CPC (source: EP)

B65C 9/0062 (2013.01)

Citation (examination)

EP 2060496 B1 20100623 - KRONES AG [DE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 102018220373 A1 20200528; CN 216581478 U 20220524; EP 3887262 A1 20211006; EP 3887262 B1 20240327; EP 3887262 C0 20240327; WO 2020108822 A1 20200604

DOCDB simple family (application)

DE 102018220373 A 20181127; CN 201990001183 U 20190925; EP 19783988 A 20190925; EP 2019075859 W 20190925