

Title (en)
DEVICE FOR PROCESSING FLAT OBJECTS

Title (de)
VORRICHTUNG ZUR BEARBEITUNG FLÄCHIGER OBJEKTE

Title (fr)
DISPOSITIF D'USINAGE D'OBJETS PLANS

Publication
EP 3689561 A1 20200805 (DE)

Application
EP 19154349 A 20190129

Priority
EP 19154349 A 20190129

Abstract (en)
[origin: US2020238554A1] The apparatus for processing flat objects includes a transport system with several rotatably mounted conveyor rollers, the flat objects transportable in the direction of transport, and at least one releasably mounted tool module releasably coupled to only one drive shaft or to a lower and an upper rotatably mounted drive shaft; is supported displaceable along the only one drive shaft or the lower and the upper drive shaft; and is equipped with tool parts for processing the flat objects, of which at least one is drivable by the lower or the upper drive shaft. The tool module is supported by a tool carrier which is displaceable by means of a rotatably mounted setting shaft in parallel to the only one drive shaft and to the lower and the upper drive shafts, and which tool carrier has at least one holding element which serves for releasably holding the tool module.

Abstract (de)
Eine Vorrichtung (1) zur Bearbeitung von flächigen Objekten (9) umfasst ein Transportsystem (4) mit mehreren drehbar gelagerten Transportrollen (41, 42), mittels denen die flächigen Objekte (9) in Transportrichtung transportierbar sind, sowie wenigstens ein lösbar und entlang einer Antriebswelle (28; 29) verschiebbar montiertes Werkzeugmodul (2), das zur Bearbeitung der flächigen Objekte (9) mit Werkzeugteilen (211, 221) ausgerüstet ist, von denen wenigstens eines von der Antriebswelle (28; 29) antreibbar ist, wobei das Werkzeugmodul (2) auf einen Werkzeugträger (3) aufgesetzt ist, der mittels einer drehbar gelagerten Stellwelle (38; 39) parallel zu der Antriebswelle (28; 29) verschiebbar ist, und der wenigstens ein Halteelement (325; 35) zum Halten des Werkzeugmoduls (2) aufweist.

IPC 8 full level
B26D 1/18 (2006.01); **B26D 1/24** (2006.01); **B26D 5/00** (2006.01); **B26D 5/08** (2006.01); **B26D 7/26** (2006.01)

CPC (source: EP US)
B26D 1/185 (2013.01 - EP US); **B26D 1/245** (2013.01 - EP US); **B26D 5/007** (2013.01 - EP); **B26D 5/086** (2013.01 - EP); **B26D 7/2621** (2013.01 - EP US); **B26D 7/2635** (2013.01 - US); **B65H 35/02** (2013.01 - US); **B26D 2007/2657** (2013.01 - US); **B65H 2402/30** (2013.01 - US)

Citation (applicant)
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