

Title (en)
Apparatus for supporting a media stack in a media feeding device

Title (de)
Vorrichtung zum Unterstützen eines Medienstapels in einer Medienzufuhrvorrichtung

Title (fr)
Appareil destiné à supporter une pile de supports dans un dispositif d'avance de support

Publication
EP 2769946 A1 20140827 (EN)

Application
EP 13155918 A 20130220

Priority
EP 13155918 A 20130220

Abstract (en)
Apparatus for supporting a media stack in a media feeding device comprising, a cam member (1) providing at least one cam surface (22); a support member (2) including a base (4) and a plurality of support surface members (5, 6) mounted on the base (4), each support surface member (5, 6) providing at least one support surface (7, 8), the support surfaces (7, 8) in combination providing a base terrain profile for supporting a stack of media to be fed by a pick up mechanism, at least one of the support surface members (5, 6) being a pivot able arm (6), and at least one of the support surface members (5) being fixed relative to the base (4); wherein at least one pivot able arm member carries a cam follower (11), and the base terrain profile provided by the support surfaces (7, 8) is variable by virtue of the action of said cam follower cooperating with a corresponding cam surface (22) of the cam member (1) during a media feed operation.

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Citation (applicant)

- JP 2005320084 A 20051117 - DUPLO SEIKO CORP
- JP 2003146462 A 20030521 - TOHOKU RIKO KK
- US 2007120318 A1 20070531 - MOORE KENNETH P [US]
- US 2007257419 A1 20071108 - WILCOX RAYMOND D [US], et al
- US 2002084575 A1 20020704 - DOBBERTIN MICHAEL T [US], et al
- US 2011101603 A1 20110505 - BAUER ECKHARD [DE], et al
- US 6142689 A 20001107 - MARGIOTTA AL [US]

Citation (search report)

- [A] US 3567216 A 19710302 - ZELLER RICHARD F
- [AD] US 2007257419 A1 20071108 - WILCOX RAYMOND D [US], et al
- [A] DE 29903717 U1 19990624 - OCE PRINTING SYSTEMS GMBH [DE]
- [A] US 5302080 A 19940412 - SMITH DAVID A [US], et al

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Designated extension state (EPC)
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