

Title (en)

Device for piercing parts of signatures, which are to be clamped with wire clips

Title (de)

Vorrichtung zum Vorstechen von Einschnitten in mit Fadenklammern zu versehendem Heftgut

Title (fr)

Dispositif pour la perforation de parties de cahiers, devant etre fixes par des serres-fil

Publication

**EP 1053889 A3 20020206 (DE)**

Application

**EP 00109375 A 20000502**

Priority

DE 19921439 A 19990510

Abstract (en)

[origin: EP1053889A2] At least one needle pair is incorporated for forming the two incisions for each thread clamp. For the needle pair a synchronously driven support is provided. The upper conveyor leaves free the needle insert area of the book material(17). Between the needles( of the pair and the support(28) coupled with a parallel crank gear(29) is a holding down device(30), which is tensioned parallel the needles and against the book material such that it comes into engagement with the book material before or at the latest as t same time as the needles.

IPC 1-7

**B42B 4/00; B42B 2/04**

IPC 8 full level

**B42B 4/00** (2006.01)

CPC (source: EP)

**B42B 4/00** (2013.01)

Citation (search report)

- [DA] EP 0641672 A1 19950308 - MBO MASCHINENBAU OPPENWEILER B [DE]
- [DA] DE 19516237 A1 19961107 - BREHMER BUCHBINDEREIMASCHINEN [DE]

Cited by

CN111391534A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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**EP 1053889 A2 20001122; EP 1053889 A3 20020206**; DE 19921439 A1 20001123; DE 19921439 C2 20010412

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