

Title (en)
HAND-OPERATED DEVICE FOR TRANSFERRING A FILM FROM A SUPPORT STRIP TO A SUBSTRATE

Title (de)
HANDGERÄT ZUM ÜBERTRAGEN EINES FILMES VON EINEM TRÄGERBAND AUF EIN SUBSTRAT

Title (fr)
APPAREIL MANUEL POUR FAIRE PASSER UN FILM D'UNE BANDE SUPPORT A UN SUBSTRAT

Publication
EP 1200332 A1 20020502 (DE)

Application
EP 00956205 A 20000718

Priority
• DE 19936445 A 19990803
• EP 0006873 W 20000718

Abstract (en)
[origin: US2002088554A1] The invention relates to a manual device for transferring a film consisting for example of adhesive, covering or coloured material from a backing strip to a substrate, with a housing in which a supply reel and a take-up reel for the backing strip are mounted so that they can rotate via a pivot bearing, which is formed by two coaxially arranged bearing components, engaging in each other like sleeves in the region of an annular or hollow cylindrical bearing joint, of which one bearing component is held on the housing so that it cannot rotate and the other bearing component is a part of the relevant reel support and in the course of which a return stop is provided for both reels with a locking pawl which meshes with a gear ring. To guarantee a compact design and economical fabrication, the locking pawl is arranged on the one bearing component against a spring force so that it yields elastically and the gear ring is arranged on the other bearing component.

IPC 1-7
B65H 37/00

IPC 8 full level
B65H 19/00 (2006.01); **B05C 17/00** (2006.01); **B65H 23/18** (2006.01); **B65H 37/00** (2006.01)

CPC (source: EP KR US)
B65H 37/00 (2013.01 - KR); **B65H 37/007** (2013.01 - EP US); **Y10T 156/1348** (2015.01 - EP US); **Y10T 156/1795** (2015.01 - EP US); **Y10T 156/18** (2015.01 - EP US)

Citation (search report)
See references of WO 0109026A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 2002088554 A1 20020711; US 6601632 B2 20030805; AT E280727 T1 20041115; AU 6824600 A 20010219; AU 764983 B2 20030904; BR 0012943 A 20020430; CA 2379753 A1 20010208; CA 2379753 C 20081014; CN 1127441 C 20031112; CN 1367755 A 20020904; DE 19936445 A1 20010215; DE 19936445 B4 20040304; DE 50008433 D1 20041202; EP 1200332 A1 20020502; EP 1200332 B1 20041027; ES 2226905 T3 20050401; JP 2003506291 A 20030218; JP 4659315 B2 20110330; KR 100472659 B1 20050309; KR 20020035115 A 20020509; MX PA02001060 A 20020820; RU 2203846 C1 20030510; WO 0109026 A1 20010208; ZA 200200352 B 20030326

DOCDB simple family (application)
US 6134402 A 20020204; AT 00956205 T 20000718; AU 6824600 A 20000718; BR 0012943 A 20000718; CA 2379753 A 20000718; CN 00811131 A 20000718; DE 19936445 A 19990803; DE 50008433 T 20000718; EP 0006873 W 20000718; EP 00956205 A 20000718; ES 00956205 T 20000718; JP 2001514234 A 20000718; KR 20027001507 A 20020202; MX PA02001060 A 20000718; RU 2002105519 A 20000718; ZA 200200352 A 20020115