

Title (en)

Clutch mechanism of coat film transfer tool and coat film transfer tool

Title (de)

Kupplungsmechanismus eines Übertragungswerkzeuges für Beschichtungsfilme und Übertragungswerkzeug für Beschichtungsfilme

Title (fr)

Mécanisme d'embrayage d'un dispositif de transfert de film de revêtement et dispositif de transfert de film de revêtement

Publication

**EP 0767128 B1 20040811 (EN)**

Application

**EP 96307297 A 19961004**

Priority

- JP 28657395 A 19951006
- JP 28657495 A 19951006

Abstract (en)

[origin: EP0767128A2] A clutch mechanism having an easy-to-manufacture and inexpensive constitution, by making use of frictional engaging force in thrust direction, in a coat film transfer tool of automatic winding type. At least at the feed reel (10) side, a clutch mechanism (8) is provided between a driven member (21) of a tape winding portion (12) and a drive side rotary gear (20) for rotating and driving it, and its power transmission makes use of the frictional engaging force in thrust direction between the driven member (21) and drive side rotary gear (20). This frictional engaging force can be set by properly adjusting the dimensional relation in thrust direction between the mutual constituent members, and therefore the designing and manufacturing conditions of the constituent members are less strict, manufacture is easy, assembling is easy, and hence the manufacturing cost and device cost can be lowered. <IMAGE>

IPC 1-7

**B65H 37/00**

IPC 8 full level

**B65H 37/00** (2006.01)

CPC (source: EP)

**B65H 37/007** (2013.01)

Cited by

FR2969992A1; EP1285874A1; EP0963935A3; AU755906B2; EP0905074A3; GB2475760A; GB2475760B; GB2475759A; GB2475759B; WO2012091768A1; WO9954246A1

Designated contracting state (EPC)

DE ES FR GB IT NL

DOCDB simple family (publication)

**EP 0767128 A2 19970409; EP 0767128 A3 19971203; EP 0767128 B1 20040811;** AU 6804096 A 19970410; AU 726054 B2 20001026; CA 2187464 A1 19970407; CN 1154581 C 20040623; CN 1157780 A 19970827; DE 69632494 D1 20040617; DE 69632494 T2 20050512; DE 69633099 D1 20040916; DE 69633099 T2 20050728; EP 1203741 A1 20020508; EP 1203741 B1 20040512; ES 2219475 T3 20041201; ES 2225861 T3 20050316; HK 1006934 A1 19990326; HK 1043779 A1 20020927; KR 100228008 B1 19991101; TW 308578 B 19970621

DOCDB simple family (application)

**EP 96307297 A 19961004;** AU 6804096 A 19961004; CA 2187464 A 19961004; CN 96121165 A 19961004; DE 69632494 T 19961004; DE 69633099 T 19961004; EP 01129532 A 19961004; ES 01129532 T 19961004; ES 96307297 T 19961004; HK 02105175 A 20020712; HK 98106115 A 19980623; KR 19960044811 A 19961007; TW 85112202 A 19961005