

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

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- 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>

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Cited by

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

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