

Title (en)
TRANSFER TOOL

Title (de)
ÜBERTRAGUNGSWERKZEUG

Title (fr)
OUTIL DE TRANSFERT

Publication
EP 2511105 A4 20140108 (EN)

Application
EP 10835859 A 20101130

Priority
• JP 2009278842 A 20091208
• JP 2010071312 W 20101130

Abstract (en)
[origin: WO2011070937A1] Disclosed is a transfer tool (T) wherein a transfer tape is supplied from a supply reel (21), passes over a transfer head (22), and is taken up by a take-up reel (23). The supply reel (21) and the take-up reel (23) rotate in tandem via a power transmission device (9). The disclosed transfer tool (T) has a sliding mechanism (8) between a gear member (43), which is an element of the power transmission device (9), and a spindle member (44), which supports the supply reel (21) and can slide against the gear member (43). The sliding mechanism (8) is provided with: a boss shaft section (432) that is provided on the gear member (43) and is separated from an outer toothed section (431) by a ring-shaped groove (433); a plurality of inward-facing prongs (433a) that are provided at intervals around the circumference of the ring-shaped groove (433) and protrude from the inner surface of the ring-shaped groove (433); and a fitting section (442) that is provided on the spindle member (44) and forms a roughly cylindrical shape that is continuous in the circumferential direction. When the boss shaft section (432) is inserted into the fitting section (442), at least part of the fitting section (442) fits inside the ring-shaped groove (433) and friction is generated between the boss shaft section (432) and the fitting section (442).

IPC 8 full level
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Citation (search report)
• [A] EP 1285874 A1 20030226 - TOMBOW PENCIL [JP]
• [A] EP 1055628 A1 20001129 - TOMBOW PENCIL [JP]
• [A] JP 2000006586 A 20000111 - PLUS KK
• See references of WO 2011070937A1

Cited by
EP3643656A1

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