

Title (en)
TRANSFER DEVICE

Title (de)
ÜBERFÜHRUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE TRANSFERT

Publication
EP 1038065 A1 20000927 (DE)

Application
EP 99927944 A 19990610

Priority
• DE 19831859 A 19980716
• EP 9904006 W 19990610

Abstract (en)
[origin: DE19831859A1] Onto the guide cords (35), hose(s) connected to a source of reduced pressure are attached, running essentially parallel. The lacing strip or band (3) is deflected from its path to pass through the hose. Guide cord (35) and hose (45) are wound onto the drum (51) together. One or more bridge sections spiral around the outer casing of the drum. Preferred features: The bridge is machined into the drum casing, or fixed onto it. Hose is wound on, into the space between bridging sections. The hose is led parallel to spaced parallel guides, preferably cords, by fastenings (47). On the top or sides of the bridge, for each guide cord (35), a depressed channel is provided to accommodate it. The winding drum (51) can be displaced along its axis. It rotates, held on a slide block. To support the drum, at least three stationary centering rollers (84) are distributed around its circumference, running on the bridge winding, between windings and/or in locations where the hose is not wound. The implementation is further detailed.

IPC 1-7
D21F 7/00; D21G 9/00; B65H 20/00

IPC 8 full level
B65H 20/00 (2006.01); **D21F 7/00** (2006.01); **D21G 9/00** (2006.01)

CPC (source: EP)
B65H 20/00 (2013.01); **D21G 9/0072** (2013.01)

Citation (search report)
See references of WO 0004226A1

Designated contracting state (EPC)
DE FI SE

DOCDB simple family (publication)
DE 19831859 A1 20000120; DE 59907715 D1 20031218; EP 1038065 A1 20000927; EP 1038065 B1 20031112; WO 0004226 A1 20000127

DOCDB simple family (application)
DE 19831859 A 19980716; DE 59907715 T 19990610; EP 9904006 W 19990610; EP 99927944 A 19990610