

Title (en)
DELIVERY DEVICE

Title (de)
LIEFERVORRICHTUNG

Title (fr)
DISPOSITIF DE LIVRAISON

Publication
EP 0813624 B1 19990714 (DE)

Application
EP 96907400 A 19960308

Priority
• DE 19508758 A 19950310
• EP 9601006 W 19960308

Abstract (en)
[origin: DE19508758A1] The invention concerns a delivery device (F) for a thread (Y), said device comprising a storage drum (T) to which the thread (Y) is fed tangentially by means of a spool drive. The thread can be stored on spools in a store (S) and unwound overhead therefrom. The delivery device (F) is provided with at least one optoelectronic thread-scanning device (A) which comprises, arranged in a stationary manner externally of the storage drum, a light source arrangement (L) whose light outlet is directed towards the storage drum, and a signal-generating receiver arrangement (E, E1, E2, E3), aligned on a scanning region on the storage drum, and a light guide (K, K1, K2, K3, K1') which is disposed in the storage drum (T) and is aligned with an outwardly directed inlet (I) on the light outlet and with an outwardly directed outlet (O, O1, O2, O3, O1') on the receiver arrangement. The inlet (I) and the outlet (O, O1, O2, O3, O1') of the light guide are disposed in positions on the storage drum (T) which are at least at axial spacings.

IPC 1-7
D03D 47/34; **B65H 51/22**

IPC 8 full level
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DE 19508758 A1 19960912; CN 1044014 C 19990707; CN 1177990 A 19980401; DE 59602440 D1 19990819; EP 0813624 A1 19971229; EP 0813624 B1 19990714; US 5983955 A 19991116; WO 9628594 A1 19960919

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