

Title (en)  
Creel

Title (de)  
Spulengatter

Title (fr)  
Cantre

Publication  
**EP 1302574 B1 20041201 (DE)**

Application  
**EP 02020847 A 20020918**

Priority  
DE 10150145 A 20011011

Abstract (en)  
[origin: EP1302574A2] A textile machine has a V-shaped spool rack discharging threads (15) to a warping machine (2). The spools (3, 3') are in vertical rows and horizontal lines, each with a thread guide (8). One shank (1, 1') of the rack has a row of bobbins each with an upright guide rods (9) linked by a horizontal arm (10, 10') forming a rigid frame. The frame is V-shaped as seen in plan view. The length of the rear section is between 10 and 50 per cent pref. 10 to 30 per cent of the rack overall length. The rack has a pneumatic or electric motor drive unit which rotates the rack about a vertical axle. The drive has a control unit which is synchronised with the warping machine.

IPC 1-7  
**D02H 1/00**; B65H 57/16

IPC 8 full level  
**B65H 49/16** (2006.01); **B65H 57/00** (2006.01); **B65H 57/16** (2006.01); **D02H 1/00** (2006.01)

CPC (source: EP)  
**B65H 49/16** (2013.01); **B65H 57/16** (2013.01); **D02H 1/00** (2013.01); **B65H 2701/31** (2013.01)

Cited by  
CN1330808C; WO2018099207A1; WO2022087801A1; WO2022187984A1

Designated contracting state (EPC)  
CH DE ES IT LI TR

DOCDB simple family (publication)  
**EP 1302574 A2 20030416**; **EP 1302574 A3 20030730**; **EP 1302574 B1 20041201**; DE 10150145 A1 20030508; DE 50201665 D1 20050105; ES 2233755 T3 20050616

DOCDB simple family (application)  
**EP 02020847 A 20020918**; DE 10150145 A 20011011; DE 50201665 T 20020918; ES 02020847 T 20020918