

Title (en)

Strand creel

Title (de)

Spulengatter für Spulen mit fadenförmigem Gut

Title (fr)

Râtelier pour bobines de fil

Publication

EP 0699613 A3 19960821 (DE)

Application

EP 95112905 A 19950817

Priority

DE 9414507 U 19940903

Abstract (en)

[origin: EP0699613A2] The creel assembly, with yarn bobbins has a brake system for each bobbin (10) with a setting unit (13) with a limit stop (16) to give a rigid action on the brake (12) when it is operated by a spring (15) at a given force level.

IPC 1-7

B65H 49/18

IPC 8 full level

B65H 49/18 (2006.01); **B65H 49/32** (2006.01); **D02H 13/24** (2006.01); **D04B 15/42** (2006.01)

CPC (source: EP)

B65H 49/32 (2013.01); **D02H 13/24** (2013.01); **D04B 15/42** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- [A] US 3107878 A 19631022 - WONG HANS B
- [A] FR 494914 A 19190924 - RICHARD WALLACE WINCHELL [US]
- [A] FR 2263965 A1 19751010 - SIGNODE CORP [US]

Designated contracting state (EPC)

BE CH DE ES GB IT LI

DOCDB simple family (publication)

DE 9414507 U1 19941124; DE 59504121 D1 19981210; EP 0699613 A2 19960306; EP 0699613 A3 19960821; EP 0699613 B1 19981104; ES 2126189 T3 19990316; TR 199501093 A2 19960621

DOCDB simple family (application)

DE 9414507 U 19940903; DE 59504121 T 19950817; EP 95112905 A 19950817; ES 95112905 T 19950817; TR 9501093 A 19950904