

Title (en)  
SPOOLER.

Title (de)  
SPULVORRICHTUNG.

Title (fr)  
BOBINOIR.

Publication  
**EP 0359792 A1 19900328 (DE)**

Application  
**EP 89902633 A 19890302**

Priority  
• DE 3806672 A 19880302  
• DE 3824029 A 19880715  
• DE 3832521 A 19880924

Abstract (en)  
[origin: WO8908071A1] Spoolers are equipped with brakes which can rapidly bring the spooler to a standstill. These brakes are subject to wear. The braking device described is composed of two brake assemblies, the first of which rotates concentrically with the bobbin (16). The first brake assembly is frictionally engaged and permanently spring loaded. A second brake assembly consisting of a stationary locking device (18, 23, 34) and a brake which acts on the other brake assembly is provided.

Abstract (fr)  
Les bobinoirs sont équipés de freins permettant de les arrêter rapidement. Ces freins sont soumis à l'usure. Le dispositif de freinage décrit comporte deux ensembles de freinage dont le premier tourne concentriquement avec la canette (16). Ce premier ensemble de freinage est entraîné par friction et est en permanence chargé par ressort. Un second ensemble de freinage comprend un système de blocage fixe (18, 23, 34) et un frein qui agit sur l'autre ensemble de freinage.

IPC 1-7  
**B65H 54/54**; **B65H 63/036**

IPC 8 full level  
**B65H 54/54** (2006.01); **B65H 63/036** (2006.01)

CPC (source: EP)  
**B65H 54/54** (2013.01); **B65H 63/0366** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)  
See references of WO 8908071A1

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**WO 8908071 A1 19890908**; EP 0359792 A1 19900328; JP H02503420 A 19901018

DOCDB simple family (application)  
**DE 8900122 W 19890302**; EP 89902633 A 19890302; JP 50243889 A 19890302