

Title (en)

Device with a safety element for the axial securing of a driver of a winding drum

Title (de)

Vorrichtung mit einem Sicherungselement zur axialen Sicherung eines Mitnehmers einer Wickelwelle

Title (fr)

Dispositif avec un élément de sécurité pour arrêter axialement l'entraîneur d'un arbre d'enroulement

Publication

EP 0810346 A3 19991006 (DE)

Application

EP 97106507 A 19970419

Priority

DE 19621817 A 19960531

Abstract (en)

[origin: EP0810346A2] The safety element (5) is formed as a sleeve, bolt or pin-like body (12) with spring-elastic element e.g. yoke, tongue (7), arm etc. The spring elastic element has a radially outwardly pointing cam (8) or other projection and the safety element can be inserted in an end recess (6) of the output shaft (2) in a security position where the cam catches in a corresponding socket (9) in the inner wall of the recess. The safety element has a radial flange forming a stop (13) on the body and in the security position is set directly adjoining the entrainment member. The cam has a lead-in incline or at the back a rear cut section inclined about six degrees to the vertical.

IPC 1-7

E06B 9/72

IPC 8 full level

E06B 9/72 (2006.01)

CPC (source: EP)

E06B 9/72 (2013.01)

Citation (search report)

- [AD] EP 0479719 A1 19920408 - SOMFY [FR]
- [A] GB 987831 A 19650331 - SCHENKER STOREN MASCHF

Cited by

KR101423772B1; WO2005033464A1

Designated contracting state (EPC)

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