

Title (en)
PORTABLE WINDING DEVICE FOR SHEET-LIKE DOCUMENTS

Publication
EP 0133147 A3 19850403 (FR)

Application
EP 84420131 A 19840731

Priority
FR 8312925 A 19830801

Abstract (en)
[origin: EP0133147A2] The winding device comprises an elongated casing (5), the receptacle (8) of which encloses a reel (9) onto which the document (14) in the form of a sheet is wound. The document (14) is fastened at one end to the reel (9) and at the other end to a gripping means (17), and emerges from the receptacle (8) through a longitudinal slot (13). A spring (24) causes the winding up of the document. The casing (5) also comprises two resilient walls (22, 23) forming a clamp, for fitting to a ski pole. <IMAGE>

IPC 1-7
B42D 19/00

IPC 8 full level
B42D 19/00 (2006.01)

CPC (source: EP)
B42D 19/00 (2013.01)

Citation (search report)

- [X] CH 139022 A 19300331 - MUELLER ERNST KG [CH]
- [Y] FR 2082446 A5 19711210 - PROJECTA NV
- [Y] US 3259401 A 19660705 - FINCH EARL A
- [A] FR 355469 A 19051103 - SAURER ADOLPH [CH], et al
- [Y] DE 3124074 A1 19830105 - KRAEMER HORST
- [Y] FR 2518498 A1 19830624 - LHOTELLIER MONTRICHARD [FR]
- [A] BE 671810 A

Cited by
FR2758470A1

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

DOCDB simple family (publication)
EP 0133147 A2 19850213; EP 0133147 A3 19850403; FR 2550175 A1 19850208

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