

Title (en)
Tipping hinge for awnings.

Title (de)
Kippgelenk für Markisen.

Title (fr)
Charnière basculante pour marquises.

Publication
EP 0620334 A1 19941019 (DE)

Application
EP 94104065 A 19940316

Priority
DE 4309657 A 19930325

Abstract (en)
Tilting hinge for awnings or the like, in the case of which, as a means for preventing swinging-up, a retaining surface (51) is arranged on a retaining element (41) which is arranged in front of the stop element, which restricts the opening-out inclination, in a tension-resistant manner in the opening-out direction and such that it can move transversely with respect to the opening-out direction and is controlled by an opening-out arm (17) such that, in the retracted state of the awning, it releases the stop element (37) which restricts the opening-out inclination and, in the extended state of the awning, fully covers and locks said element. <IMAGE>

Abstract (de)
Kippgelenk für Markisen od.dgl., bei dem als Hochschlagsicherung eine Rückhaltefläche (51) an einem Rückhalteelement (41) angeordnet ist, das vor dem die Ausfallneigung begrenzenden Anschlagelement in Ausfallrichtung zugfest und quer zur Ausfallrichtung beweglich angeordnet ist und von einem Ausstellarm (17) so gesteuert wird, daß es im eingefahrenen Zustand das die Ausfallneigung begrenzende Anschlagelement (37) freigibt und in ausgefahrenem Zustand der Markise vollständig abdeckt und verriegelt. <IMAGE>

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E04F 10/06

IPC 8 full level
E04F 10/06 (2006.01)

CPC (source: EP)
E04F 10/0618 (2013.01); **E04F 10/0637** (2013.01); **E04F 10/0674** (2013.01)

Citation (search report)

- [XAY] FR 2443543 A1 19800704 - LOOS ERNST EISENWAREN [DE]
- [XA] DE 3412125 C1 19850328 - LOHAUSEN VIKTOR
- [YA] DE 9003884 U1 19900719
- [A] EP 0397906 A1 19901122 - VOSS PAUL GMBH & CO [DE]
- [A] EP 0186742 A2 19860709 - SCHMITZ WERKE [DE]
- [A] FR 2578900 A1 19860919 - LAUZIER SA [FR]

Citation (third parties)
Third party :
DE 2853286 A1 19800626 - ERNST LOOS EISENWARENFABRIK AG

Cited by
EP1174563A3; ES2120825A1

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