

Title (en)
SELF-RELEASING SKI-BINDING UNIT

Publication
EP 0346414 B1 19921021 (DE)

Application
EP 88910411 A 19881125

Priority
• DE 3740327 A 19871127
• DE 3808643 A 19880315

Abstract (en)
[origin: WO8904701A1] A heel part (1) and a toe part (3) are interconnected at variable distance from each other and fastened as a unit to a ski (17). The toe part (3) can be tilted about an axis (40) perpendicular to the longitudinal axis of ski. The heel part (1) has a housing (31), a support part (50) which can be moved longitudinally with respect to the housing (51) against the force of the spring and which carries a sole holder (48), and a locking device (41, 42, 56), through which the housing (31) can be coupled semi-rigidly to the support part (50). The sole holder (48), when loaded, can be brought mechanically into functional connection with a signal receiver (64, 65) of the electronic control through a signal emitter (69), thereby activating the current supply. After a predetermined action time on the signal receiver (64, 65) an electromagnet (57) can be activated, the activated electromagnet (57) actuates a key (41) arranged in the locking device, thereby inducing a sudden longitudinal movement of the support part (50) in relation to the housing (31).

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IPC 8 full level
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CPC (source: EP US)
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Cited by
US7073812B2; US8460505B2; EP1228787B1; EP1228787A1; FR2820335A1; US6814367B2; US9776065B2; EP1562683B2

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