

Title (en)  
Flexor unit and binding containing it

Title (de)  
Beugeeinheit sowie Bindung mit demselben

Title (fr)  
Ensemble fléchisseur et fixation contenant un tel fléchisseur

Publication  
**EP 2116286 A1 20091111 (EN)**

Application  
**EP 08155976 A 20080509**

Priority  
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Abstract (en)  
The present invention relates to a flexor device for a ski, and defines a flexor unit (10) for a ski binding (2), in particular a ski binding (2) for a cross country or touring ski (1), for interacting with the ski boot or shoe (3) of the user of the ski (1). The flexor unit (10) comprises a rotatably mountable transmission element (20) for contacting the front and/or sole portion of the ski boot or shoe (3); the rotatably mountable transmission element (20) further comprising a holding portion (27) which is sized and shaped to receive a pivot axis (4) of the ski boot or shoe (3). This pivot axis (4) being used to pivotally attach the ski boot or shoe (3) to the ski (1), so as to allow the heel of the ski boot or shoe (3) to be lifted. Biasing means (30) are also provided for acting on the transmission element (20) so as to rotate the transmission element (20) in a direction such that it would act against the ski boot or shoe (3), so as to force the heel of the ski boot or shoe (3) around into contact with the ski (1). The axis of rotation (21) of the rotatably mountable transmission element (20) is provided by the ski boot or shoe (3) holding portion (27) and advantageously coincides with the axis of rotation of the ski boot or shoe (3) provided by the pivot axis (4), such that when in use, no relative translational motion between the front and/or sole portion of the ski boot or shoe (3) and the rotatably mountable transmission element (20) would occur.

IPC 8 full level  
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Citation (search report)

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