

Title (en)
CROSS-COUNTRY SKI WITH A SKI BINDING DEVICE

Publication
EP 0267130 B1 19900411 (FR)

Application
EP 87420293 A 19871028

Priority
FR 8615258 A 19861029

Abstract (en)
[origin: EP0267130A1] 1. Cross-country ski equipped with a device for fixing the boot, this fixing device comprising means for indirect articulation of the boot, characterised - in that the upper part (2) of the body of the ski has two transverse recesses (19), which are symmetrical in relation of the medial longitudinal axis of the ski, extending along a defined section (L) of the ski starting under the point intended for the point of the boot and continuing in the direction of the tip, these two recesses (19) giving to this upper part (2) and this section (L) of the ski two vertical lateral sides (20) which between them allow the vertical passage of two first longitudinal arms (18), this vertical passage occurring by means of the rotation of these two arms around their higher ends, each of which is articulated to one of the two ends of a transverse shaft (6) which crosses these lateral sides approximately under the point intended for the point of the boot, - in that the lower ends of these two arms provide articulation for the lower ends (24, 25) of two second longitudinal arms (17), each placed above the first linked arm (18), in the same vertical plane and so as to form an acute angle (a) with this first arm (18), - and in that the higher sections of these two arms serve to attach the boot-fixing device (7) directly to them, the first arms being lowered when the back of the boot is lifted on striding, whilst at the same time the angle (a) between each first and second arm increases and the point of the boot moves forward, on the upper part (3) of the ski, the means (17, 16) being in addition provided on the rotating structure formed by the transverse shaft (6) and the four longitudinal arms (17, 18) to return automatically the back of the foot to its starting position after the stride.

IPC 1-7
A63C 5/04; **A63C 9/20**

IPC 8 full level
A63C 5/04 (2006.01); **A63C 9/20** (2012.01)

CPC (source: EP)
A63C 5/04 (2013.01); **A63C 9/20** (2013.01)

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