

## Title (en)

Device for adjusting the centre distance between the binding means of a ski binding

## Title (de)

Vorrichtung zur Einstellung des Mittenabstands zwischen den Bindungselementen einer Skibindung

## Title (fr)

Dispositif de réglage de la distance entre le centre de moyens de fixation de fixations de ski

## Publication

**EP 2082789 A1 20090729 (EN)**

## Application

**EP 09150349 A 20090109**

## Priority

IT PN20080001 A 20080125

## Abstract (en)

The present invention refers to a device for adjusting the centre distance between the binding means of a ski binding, comprising: a first and a second carriage (3, 4) slidably associable to a plate (2, 2a, 2b) which is in turn associable to a ski and extends along a longitudinal axis essentially parallel to the longitudinal extension of the ski; the first and the second carriages (3, 4) are adapted to support respective binding means for a ski boot. The device further comprises linking means for mutually linking the first and the second carriages (3, 4) and capable to cause a simultaneous and synchronous sliding motion of the first and second carriages (3, 4) along the longitudinal axis of the plate (2, 2a, 2b) in mutually opposed directions; the linking means comprise an actuation member (5) and motion transmission means (10, 11), comprising a first and a second torsion bar (18, 19), capable of operatively engaging, at an end portion thereof, the actuation member (5) and, at the opposite end portion, the first and the second carriages (3, 4), respectively. The actuation member (5) is rotatably associable to the plate (2, 2a, 2b) at a section located approximately centrally relative to the first and second carriages (3, 4) and includes first effort reducing means (7, 9); the motion transmission means (10, 11) further include second effort reducing means (14, 15, 16, 17) adapted to engage the first effort reducing means (7, 9) and to be coupled to the first and second torsion bars (18, 19), respectively, so as to be integrally rotatable and freely longitudinally slidable relative to the first and second torsion bars (18, 19), respectively.

## IPC 8 full level

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## CPC (source: EP US)

**A63C 9/003** (2013.01 - EP); **A63C 9/005** (2013.01 - EP US)

## Citation (applicant)

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