

Title (en)
A toe-piece for an alpine ski binding

Title (de)
Zehenstück für eine alpine Skibindung

Title (fr)
Butée pour fixation de ski alpin

Publication
EP 2815794 A1 20141224 (EN)

Application
EP 14172027 A 20140611

Priority
IT BO20130316 A 20130621

Abstract (en)
A toe-piece (1) for an Alpine ski binding, comprising: a plate (2); a first jaw (3) and a second jaw (4), each comprising an external end (30, 40), an internal end (31, 41), and a central body (32, 42); the central body (32) of the first jaw (3) is hinged to the plate (2) with respect to a first hinge axis (X), and the central body (42) of the second jaw (4) is hinged to the plate (2) with respect to a second hinge axis (Y); the internal end (31) of the first jaw (3) and the internal end (41) of the second jaw (4) are hinged to one another with respect to a hinge axis (H), in such a way that the first jaw (3) and the second jaw (4) are mobile such as to define two end configurations, open (O) and closed (C); the second jaw (4) comprises: elastic means (5) arranged between the relative internal end (41) and the relative central body (42); and at least a guide pin (7) for supporting the elastic means (5), such that during the movement of the second jaw (4) from the open configuration (O) to the closed configuration (C), the internal end (41) is mobile along a guide pin (7), determining a variable distance between the second hinge axis (Y) and the central hinge axis (H); and wherein the first jaw (3) constitutes a rigid element which develops from the relative external end (30) to the relative internal end (31), wherein the distance between the first axis (X) and the central hinge axis (H) remains constant during the movement of the first jaw (3) from the open configuration (O) to the closed configuration (C).

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CPC (source: EP)
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Citation (applicant)
IT 1378791 B

Citation (search report)
• [A] EP 2347807 A1 20110727 - ATK RACE SRL [IT]
• [A] EP 2392388 A1 20111207 - SALEWA SPORT AG [CH]
• [A] EP 2308568 A1 20110413 - GIORDANI ROBERTO [IT]

Cited by
EP3050601A1; DE202024101399U1; EP3782707A1; IT201900013143A1; DE202020005614U1; EP3845280A1; IT201900025687A1

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