

Title (en)
Ski edge and sidewall cross section profile

Title (de)
Querschnittsprofil von Kante und Seitenwange

Title (fr)
Profil en coupe transversale de chant et carre

Publication
EP 3045212 B1 20190612 (EN)

Application
EP 15468001 A 20150119

Priority
EP 15468001 A 20150119

Abstract (en)
[origin: EP3045212A1] The line construction (15) of the edge (6) and sidewall of the ski (10) solves the issue of effective grip of the edges (6) and optimum smooth handling of various types of skis though all the stages of the turn at various velocities and various types of snow surface (18). Skis (1) are composed of basic structural elements such as: the gliding base (5), the edge (6), dampening layers (8), reinforcing layers (9), ski sidewall (10) and top layers (11), namely in such a structural proportion and composition that the edge (6) and its edge side (7) pass into the ski sidewall (10) in a characteristic composite concave curve (15) which ends with the top layers of the ski's top (11). Here, the composite functional concave curve (15) of the edge's (6) structural elements and the ski's sidewall (10) is always under a greater angle ## as the angle E of the edge side (7) which creates a functional space for ejecting the carved snow mass (16) and a space for a larger incline of the ski throughout all the stages of the turn without the danger that the top edge of the ski (11) or the ski sidewall (10) would hit the snow mass (18) and thus impair the ski or reduce the force of pressure onto the edge (6).

IPC 8 full level
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