

Title (en)  
SKI CORE OF PLASTIC MATERIAL AND SKI CONTAINING SUCH A CORE

Publication  
**EP 0211050 B1 19910703 (DE)**

Application  
**EP 86901006 A 19860207**

Priority  
AT 35685 A 19850207

Abstract (en)  
[origin: WO8604512A1] A ski core (1, 18) made of plastic material comprises cavities (4) which enable to reduce its weight and solid areas (23) distributed throughout the volume of the ski core, throughout the ski thickness. The core is flow formed from a stratified or laminated base product comprised of duromer or thermoplastic synthetic material reinforced by a fibre mat. The ski core (1, 18) of which the side pieces (17, 24) may be integrally formed by extrusion with the core, preferably presents a stratified area (3, 22) extending on at least almost all the base surface of the ski core of which the course corresponds to the junction between the extrusion half-moulds (7, 8). This stratified area (3, 22) may advantageously be adjacent to the upper side or the lower side (5, 2) of the ski core or may also follow an undulating course between the upper side and the lower side (20, 21) of the ski core (18). In a preferred embodiment, the cavities (4) may have a cylindrical shape, the solid areas (23) being respectively configured as ribs extending throughout the thickness of the ski core. The invention also relates to a ski comprising said ski core.

IPC 1-7  
**A63C 5/12**

IPC 8 full level  
**A63C 5/12** (2006.01); **A63C 5/14** (2006.01)

CPC (source: EP)  
**A63C 5/12** (2013.01)

Cited by  
US5848800A

Designated contracting state (EPC)  
AT CH DE FR IT LI

DOCDB simple family (publication)  
**WO 8604512 A1 19860814**; AT 386959 B 19881110; AT A35685 A 19880415; AT E64867 T1 19910715; DE 3680044 D1 19910808; EP 0211050 A1 19870225; EP 0211050 B1 19910703; JP S62501613 A 19870702

DOCDB simple family (application)  
**AT 8600011 W 19860207**; AT 35685 A 19850207; AT 86901006 T 19860207; DE 3680044 T 19860207; EP 86901006 A 19860207; JP 50100886 A 19860207