

Title (en)
Improved skate structure with one-piece frame

Title (de)
Rollschuhaufbau mit einem einstückigen Rahmen

Title (fr)
Structure de patin avec un cadre monobloc

Publication
EP 1433505 A1 20040630 (EN)

Application
EP 03028464 A 20031212

Priority
IT BG20020046 A 20021223

Abstract (en)
A skate structure, particularly a roller skate with in-line wheels, comprising a frame (10) for supporting the wheels (14), a rigid sole (16) for supporting a first shoe body (30), a rigid cradle (34) for lateral and rear support of said first shoe body (30), an oscillating collar (40) for supporting the user's leg, and a removable, soft second shoe body (50) inserted into the said first shoe body (30) and designed to hold the user's foot. The frame (10), the rigid sole (16) and the rigid support structure (34) constitute an integral structure made in a single piece. A rigid toe-piece (18) may also be part of the one-piece structure, or, alternatively, may be produced as a separate component to be attached to the first shoe body (30) or to the one-piece structure before final assembly of the skate (Figure 1). <IMAGE>

IPC 1-7
A63C 17/06; **A43B 5/16**

IPC 8 full level
A43B 5/16 (2006.01); **A63C 17/06** (2006.01)

CPC (source: EP US)
A43B 5/16A1 (2013.01 - EP US); **A63C 17/06** (2013.01 - EP US); **A63C 2203/42** (2013.01 - EP US)

Citation (search report)
• [XY] EP 1021963 A1 20000726 - SALOMON SA [FR]
• [Y] EP 1258268 A2 20021120 - K 2 CORP [US]
• [Y] US 6371494 B1 20020416 - BONAVENTURE LAURENT [FR], et al
• [Y] EP 0551704 A2 19930721 - ROLLERBLADE INC [US]
• [Y] US 5470085 A 19951128 - MEIBOCK ANTONIN A [US], et al
• [A] EP 0937487 A1 19990825 - ROLLERBLADE INC [US]

Cited by
EP1690459A1

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
EP 1433505 A1 20040630; IT BG20020046 A1 20040624; US 2004130108 A1 20040708

DOCDB simple family (application)
EP 03028464 A 20031212; IT BG20020046 A 20021223; US 73931703 A 20031219