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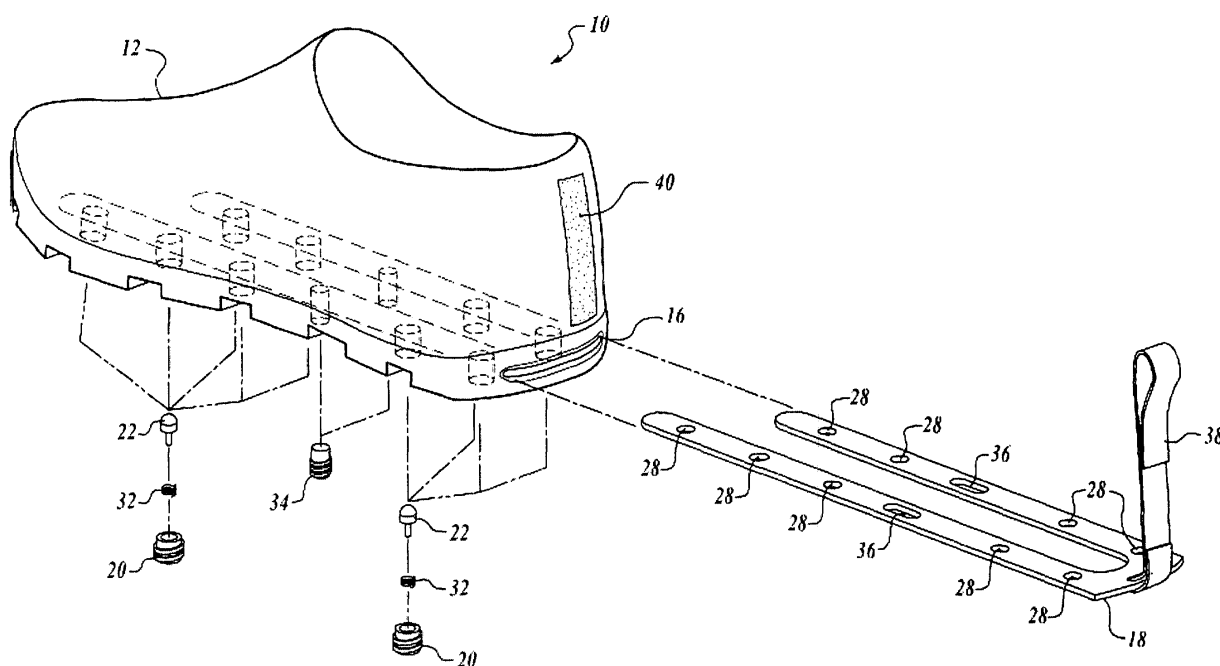
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(54) Footwear with retractable studs

(57) Footwear having retractable studs (22) that provide enhanced traction on slippery surfaces when engaged. A pull cord (38) attached to a plate within the sole of the shoe allows the studs to engage. The working parts

of the shoe can be easily taken apart for cleaning or de-icing. An alternative embodiment of the shoe has a mechanism similar to that of a conventional ball point pen which is used to effectively engage or retract the studs.

**Fig. 1****EP 1 621 093 A3**



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EUROPEAN SEARCH REPORT

Application Number
EP 05 07 6598

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
D,X	US 6 058 627 A (VIOLETTE ET AL) 9 May 2000 (2000-05-09) * column 2, line 49 - column 3, line 16 * * column 4, lines 4-7,30-44 * * column 5, lines 24-33,40-42 * -----	1,4-6	A43C15/14
X	DE 297 19 608 U1 (KAMPEN, HENRY, 40699 ERKRATH, DE) 22 January 1998 (1998-01-22) * claim 1; figure 1 *	1	
Y	-----	2,3	
Y	US 6 125 556 A (PECKLER ET AL) 3 October 2000 (2000-10-03) * figure 1 * -----	2,3	
			TECHNICAL FIELDS SEARCHED (IPC)
			A43C
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		8 November 2005	Claudel, B
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03 82 (P04C01)

**CLAIMS INCURRING FEES**

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1-6



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-6

Shoe with threaded treads/studs

2. claims: 7-15

Shoe with improved ejection/retraction system for studs

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 05 07 6598

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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08-11-2005

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EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82