



Publication number:

0 363 217 A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: **89310255.8**

(51) Int. Cl.⁵: **A43B 13/26**

(22) Date of filing: **06.10.89**

(30) Priority: **07.10.88 US 254839**

Beaverton Oregon 97005(US)

(43) Date of publication of application:
11.04.90 Bulletin 90/15

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(84) Designated Contracting States:
AT BE CH DE ES FR GB GR IT LI LU NL SE

(88) Date of deferred publication of the search report:
03.07.91 Bulletin 91/27

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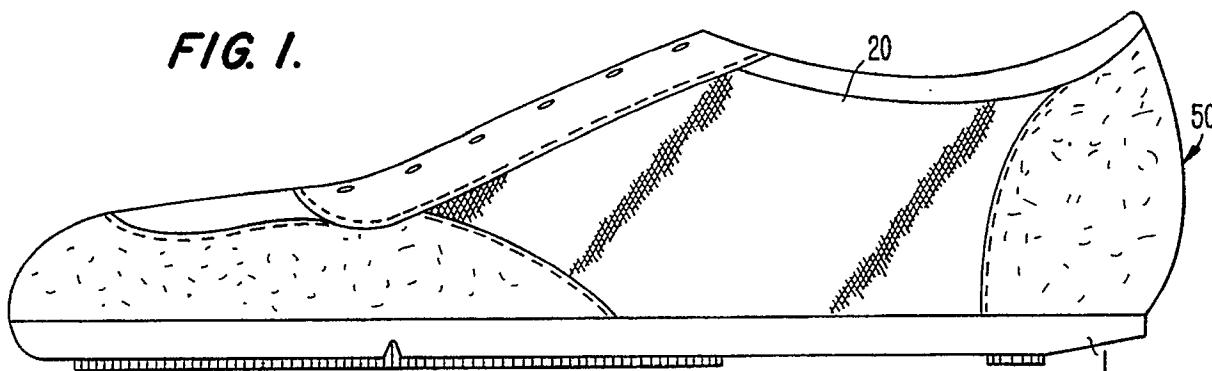
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(54) **Athletic shoe with bendable traction projections.**

(57) There is disclosed an athletic shoe having grooves in a ground engaging surface of a sole formed concentrically about a pivot point in the ball portion and having traction projections in the form of bristles or columns embedded in the bottom of the grooves. Free ends of the traction projections protrude from the ground engaging surface whereby forces on the free ends of the traction projections perpendicular to the grooves, as when a player is accelerating, causes the projections to bend against the side walls of the grooves which thus support the

projections against further bending with the free ends of the projections protruding from the outsole to provide traction. Forces on the free ends of the projections tangentially to the grooves, as when a player pivots, cause the projections to bend into or lay down in the grooves and thus offer little or no traction. The ground engaging surface of the sole is formed of a material having a low coefficient of friction so that the sole can move or pivot relatively freely once the projections have bent into the grooves.

FIG. 1.



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European
Patent Office

EUROPEAN SEARCH REPORT

Application Number

EP 89 31 0255

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
D,X	US-A-4 670 997 (BEEKMAN) * Figures 1-3; column 3, line 37 - column 4, line 11 *	1-5,7,9, 11-14, 17-19	A 43 B 13/26
A	US-A-4 689 901 (IHLENBURG)		
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			A 43 B
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 26 March 91	Examiner MARTIN A.G.M.
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