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(21) Application number: **08244124**(71) Applicant: **DESCENTE LTD**(22) Date of filing: **27.08.96**(72) Inventor: **NAKAGAWA KATSUMI**(54) **STRUCTURE OF SOLE FOR SPIKE SHOES FOR SOCCER OR THE LIKE**

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(57) Abstract:

PROBLEM TO BE SOLVED: To exchange a stud of a main part while maintaining an impact absorbability by a condition of a position and a ground, etc., by constituting a part of a shoe sole to be a stud of a fixed type and the remain to be a stud of an exchange type in a shoe for which the respective kinds of the studs are projectingly provided on the shoe sole.

SOLUTION: A stud 9 of a spike part 4 and 5 of either front foot part A or heel part B of the sole base 1 of a spike shoe 2 are made freely exchangeable and can be exchanged with the studs of a different height or shape or the like. A shank part 12 is hung in a state where a foot arch part C between a front foot part A and a heel part B is provided and integrated along the bottom surface of the sole base 1 by a relatively hard synthetic resin so as to connect a front inner side and a rear outer side and an elastic beam structure is constituted in the foot arch part C.

