

Title (en)  
STUD FOR A SPORTS SHOE

Publication  
**EP 0210362 A3 19870429 (DE)**

Application  
**EP 86106783 A 19860517**

Priority  
• DE 3527009 A 19850727  
• DE 3532607 A 19850912

Abstract (en)  
[origin: US4698924A] A gripping stud for sports shoes comprises a stud body and a ceramic insert connected to the stud body thereby to form the ground-engaging surface thereof. The stud body comprises a central metal portion and a base portion disposed therearound while the ceramic insert connected to the lower end of the metal portion is of a flat lens-like configuration, with curved top and bottom sides. Alternatively the ceramic insert comprises a plurality of juxtaposed balls embedded in a stud body at the ground-engaging surface of the stud.

IPC 1-7  
**A43C 15/16**

IPC 8 full level  
**A43C 15/16** (2006.01)

CPC (source: EP US)  
**A43C 15/167** (2013.01 - EP US)

Citation (search report)  
• [AD] DE 3233900 A1 19840315 - UHL SPORTARTIKEL KARL [DE]  
• [A] US 3766670 A 19731023 - NAKAJIMA Y  
• [AD] GB 1277684 A 19720614 - MUREX LTD [GB]  
• [A] US 3522669 A 19700804 - SIMONS MORRIS

Cited by  
EP0280108A3; EP0501853A1; FR2673362A1; FR2644989A1; WO9922618A1

Designated contracting state (EPC)  
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**EP 86106783 A 19860517;** DE 3660702 T 19860517; US 88718686 A 19860721