

Title (en)
Shoe equipped with shock absorber

Title (de)
Schuh mit Stoßdämpfer

Title (fr)
Chaussure avec absorbeur de chocs

Publication
EP 2929790 B1 20171213 (EN)

Application
EP 14164005 A 20140409

Priority
EP 14164005 A 20140409

Abstract (en)
[origin: EP2929790A1] The present invention relates to a shock absorber for use in a shoe. The shock absorber comprises an elastic body arranged with a plurality of tubular cavities axially extending into the elastic body from its under side and ending in the body. Thus, by providing the shock absorber according to embodiments of the present invention, it is possible to advantageously adapt to the moulding material forming the midsole of the shoe in which the shock absorber is arranged in that when injecting the material in the casting mould onto which the upper, insole and shock absorber is placed, the moulding material (typically being polyurethane) will push up into the tubular cavities and thus into the shock absorber. Hence, the moulding material hardening under the shock absorber in prior art manufacturing process will now enter the tubular cavities and thus avoid pushing the shock absorber upwards into the shoe.

IPC 8 full level
A43B 3/00 (2006.01); **A43B 7/14** (2006.01); **A43B 13/18** (2006.01)

CPC (source: EP)
A43B 3/0047 (2013.01); **A43B 7/144** (2013.01); **A43B 7/148** (2013.01); **A43B 7/1485** (2013.01); **A43B 13/181** (2013.01)

Cited by
IT202200009137A1; IT202200009140A1; IT202200009128A1; IT201700089835A1; US11330862B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2929790 A1 20151014; EP 2929790 B1 20171213; DK 2929790 T3 20180312; DK 3195747 T3 20190318; EP 3195747 A1 20170726; EP 3195747 B1 20181121; NO 2929790 T3 20180512; PL 2929790 T3 20180530; PL 3195747 T3 20190628

DOCDB simple family (application)
EP 14164005 A 20140409; DK 14164005 T 20140409; DK 17159975 T 20140409; EP 17159975 A 20140409; NO 14164005 A 20140409; PL 14164005 T 20140409; PL 17159975 T 20140409