

Title (en)
SOLE STRUCTURE FOR SHOE

Title (de)
SOHLENSTRUKTUR FÜR SCHUHE

Title (fr)
STRUCTURE DE SEMELLE DESTINÉE À UNE CHAUSSURE

Publication
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Application
EP 11765859 A 20110328

Priority
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Abstract (en)
The sole structure has an upper plate, a lower midsole located under and fixedly attached to the upper plate, and having a laterally extending groove opening to the bottom side of the lower midsole, and a bending restriction member formed in a bent shape and spanning the groove longitudinally between the front edge and the rear edge of the opening of the groove. During the beginning phase of sole bending, the bending restriction member allows for the sole to bend till the bending restriction member gradually extends toward a straight shape from the bent shape and becomes taut between the front edge and the rear edge of the opening of the groove. During the advanced phase of the sole bending, when the bending restriction member experiences a force from the taut state, it functions so as to restrict the sole from bending.

IPC 8 full level
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Cited by
US10638812B2; US11399592B2

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