

Title (en)

SOLE ASSEMBLY AND FOOTWEAR COMPRISING A SOLE ASSEMBLY

Title (de)

SOHLENANORDNUNG UND SCHUHWERK MIT EINER SOHLENANORDNUNG

Title (fr)

ENSEMBLE SEMELLE ET ARTICLE CHAUSSANT COMPRENANT UN ENSEMBLE SEMELLE

Publication

**EP 2741630 A1 20140618 (EN)**

Application

**EP 12822434 A 20120810**

Priority

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- EP 12004972 A 20120704
- US 2012050401 W 20120810
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Abstract (en)

[origin: EP2556763A2] The system has a spring system (7) arranged between a foot-closer sole (6) and a ground-closer sole (5). Spikes (8) and traction elements (9) are attached at the ground-closer sole. Exchangeable flexible elements provide a rolling-, a whipping-, a torsion and a rotation process input to a locomotor system of a shoe wearer by construction and a material of the soles and the spring system. The flexible elements require speed and force-dependent compensation stabilization by the wearer to obtain an equilibrium state. The system is made of crystalline and amorphous plastic or high performance plastic.

IPC 8 full level

**A43B 13/18** (2006.01)

CPC (source: EP US)

**A43B 5/001** (2013.01 - US); **A43B 13/125** (2013.01 - EP US); **A43B 13/145** (2013.01 - EP US); **A43B 13/183** (2013.01 - EP US);  
**A43C 15/161** (2013.01 - US); **A43C 15/168** (2013.01 - US)

Citation (search report)

See references of WO 2013023163A1

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