

Title (en)  
ROLLER SKATE COMPRISING A CURVED DAMPING ELEMENT

Title (de)  
ROLLSCHUH MIT BOGENFÖRMIGEM DÄMPFUNGSELEMENT

Title (fr)  
PATIN À ROULETTES COMPORTANT UN ÉLÉMENT D'AMORTISSEMENT EN FORME D'ARC

Publication  
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Application  
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Abstract (en)  
[origin: WO2007137834A1] The invention relates to a roller skate, especially an inline roller skate. Said roller skate comprises at least one front and at least one rear roller (10a, 10d), provided with bearings (12), a roller support (16), a shoe fastening section (46) and a damping device (18), interposed between the shoe fastening section (46) and the bearings (12). Said damping device (18) has a single curved damping element (20), extending in the longitudinal direction (L) of the shoe, or a plurality of curved damping elements (20), which extend in parallel when viewed from the longitudinal direction (L) of the shoe, said damping element(s) being mounted in a central position on the roller skate when viewed from the side. The curved damping element (20), when subjected to a vertical force, is elastically deformed while assuming a different curve shape.

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Cited by  
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