Title (en)
STEERABLE IN-LINE SKATE ROLLERS WITH BRAKES

Title (de)
LENKBARE IN-LINE-SKATE-ROLLER MIT BREMSEN

Title (fr)
ROLLER EN LIGNE DIRECTIONNEL ET AVEC FREINS

Publication
EP 3895766 A1 20211020 (EN)

Application
EP 21382312 A 20210413

Priority
ES 202030299 A 20200414

Abstract (en)
In-line roller skate for personal transport, sporting activity and entertainment, the rear wheel (2) of which can be steered by the movement of the skater's boot (5). The boot is attached to the frame (3) of the skate by two supports located within the confines of the frame which can move laterally on guides (9) allowing the movement of the boot. The movement of the boot is transmitted by means of mechanical elements to the axle (35) of the rear wheel (2), causing the wheel to rotate about its vertical axis. The skate has friction braking elements (15) which is composed of an elastic material, located in the frame, which acts progressively the more the rear wheel rotates.

IPC 8 full level
A63C 17/14 (2006.01); **A63C 17/04** (2006.01); **A63C 17/06** (2006.01)

CPC (source: EP ES)
A63C 17/00 (2013.01 - ES); **A63C 17/045** (2013.01 - EP); **A63C 17/064** (2013.01 - EP); **A63C 17/068** (2013.01 - EP); **A63C 17/1427** (2013.01 - EP); A63C 2203/065 (2013.01 - EP); A63C 2203/42 (2013.01 - EP); A63C 2203/52 (2013.01 - EP)

Citation (applicant)
• WO 0243821 A2 20020606 - CROSSKATE LLC [US], et al
• WO 0053276 A1 20000914 - ROSSO MICHELE [IT]

Citation (search report)
• [XAY] US 3876217 A 19750408 - COPIER HENRI
• [Y] US 4445699 A 19840501 - DARASKO EDWARD [US]
• [A] FR 2862232 A1 20050520 - REYNAUD PHILIPPE CLAUDE BAPTIS [FR]
• [A] CH 185999 A 19360831 - KORGER HANS [CH]

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

Designated extension state (EPC)
BA ME

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