

Title (en)

Steerable platforms.

Title (de)

Steuerbare Plattformen.

Title (fr)

Plate-formes dirigeables.

Publication

EP 0064360 A1 19821110 (EN)

Application

EP 82302037 A 19820421

Priority

GB 8113102 A 19810428

Abstract (en)

A steerable platform comprises a platform (1) mounted on front and rear ground engaging means (3, 5), at least one ground engaging means being turnable to effect steering of the platform (1). The platform is of sufficient size for a rider to stand freely on it with both feet. A redistribution of the weight of the rider on the platform during travel of the platform tends to cause an angular displacement of one ground engaging means to effect a change in the angle between the front (5) and rear (3) ground engaging means as viewed in a plane parallel to the plane of the platform to effect steering of the platform. The design is such that the redistribution of weight effects transverse tilting of at least one end of the platform and for a given tilt the displaceable ground engaging means tends to be angularly displaced by different amounts for different velocities of travel of the platform.

IPC 1-7

A63C 17/00

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] US 3995873 A 19761207 - PANTZAR RICHARD CLOUTIER
- [X] US 3795409 A 19740305 - CUDMORE P
- [X] US 4196916 A 19800408 - SCHORR JOHN E [US]
- [X] US 4152001 A 19790501 - CHRISTIANSON TONY [US]
- [A] GB 250190 A 19260708 - ALBERT KUSTNER, et al
- [A] US 4116455 A 19780926 - DOTSON DONALD R, et al
- [A] US 4235448 A 19801125 - THOMAS BROOKS [US]

Cited by

ES2072227A2; DE102011102940A1; GB2318519A; GB2318519B; EP0500991A1; GB2393663A; GB2393663B; DE10001719A1; DE10001719C2; EP1118364A3; DE102006043558B4; US6832765B1

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