

Title (en)

IMPROVED WHEEL FOR LAND VEHICLES AND METHOD FOR MOVING SUCH VEHICLES OVER SOFT OR IRREGULAR SURFACES.

Title (de)

VERBESSERTES RAD FÜR LANDFAHRZEUGE, SOWIE VERFAHREN ZUM FAHREN DERSELBEN ÜBER WEICHE ODER UNREGELMÄSSIGE OBERFLÄCHEN.

Title (fr)

ROUE AMELIOREE POUR VEHICULES TOUT TERRAIN ET PROCEDE PERMETTANT DE DEPLACER CES VEHICULES SUR DES SURFACES MEUBLES OU IRREGULIERES.

Publication

**EP 0172808 A4 19860730 (EN)**

Application

**EP 84901151 A 19840217**

Priority

US 8400222 W 19840217

Abstract (en)

[origin: WO8503674A1] A wheel for use on land vehicle such as small manually drawn trailers and similar carriers, the wheel having a tire supporting rim (12) and a low pressure tire (48) engaging the rim, the tire comprising a thin walled torus (50) of elastomeric material, the torus having an inner diameter surface (52) engaging the rim, an inflation valve (54) and an outer diameter surface (56) for contacting a soft or irregular support surface, so that the tire deforms or flattens substantially when it contacts such surfaces with an axle load applied to the wheel, thereby facilitating movement of a vehicle over such surfaces. A method of moving such vehicles is also disclosed.

IPC 1-7

**B60B 3/08**; **B60C 5/00**

IPC 8 full level

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CPC (source: EP)

**B60B 21/10** (2013.01); **B60C 3/02** (2013.01); **B60C 15/0233** (2013.01)

Citation (search report)

- [E] US 4538657 A 19850903 - TUGGLE WILLIAM E [US]
- [E] EP 0133150 A2 19850213 - GOODYEAR TIRE & RUBBER [US]
- See references of WO 8503674A1

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DOCDB simple family (publication)

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DOCDB simple family (application)

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