

PATENT SPECIFICATION



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COMPLETE SPECIFICATION.

Improvements in Bands for Endless Track Vehicles.

I, ADOLPHE KEGRESSE, a French citizen, of 53, rue Balard, Paris, France, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

Bands for endless track vehicles were constituted by canvas or other material embedded in elastic material completely surrounding the band. These bands were of a more or less complicated nature as well as of particular section.

This invention comprises an endless band which is constituted by a belt of the ordinary driving belt type, to one of the faces of which is secured by any suitable means a layer of suitable thickness of elastic material so as to form a single rectangular sectioned body, the elastic material constituting a track for rolling on the ground, whilst the free face of the belt forms a rolling track for the bearing rollers.

The following description will be better understood with reference to the accompanying drawing which shows by way of example in cross-section an endless band according to the invention.

In the said drawing, 1 is the resisting core of the endless track constituted as already stated by an ordinary belt of the driving belt type which may be of fabric, leather, metal fabric or of any other suitable material.

2 is the part of the band contacting with the ground. This part is constituted by a suitable elastic or plastic material, for instance rubber; the same may be secured and made to adhere to the belt 1 by any desired means, so as to form a single body.

Thus, for instance, the band may be fixed as shown in the drawing by embed-

ding the belt 1 in the elastic material utilised. A thin elastic layer 2¹ is produced on the side of the belt on which the bearing rollers roll. This thin layer quickly disappears in working owing to its contact with the rollers.

The part 2 intended to contact with the ground, may be provided with recesses or with one or more rolling tracks similar to those mentioned in the Kegresse Patent No. 164,321.

This part may comprise on its outer surface any arrangements (recesses, projections *etc.*) intended to increase the adhesion to the ground.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. A band for endless track vehicles, comprising a belt of the driving belt type, which constitutes the resisting core of the endless track, one face of which forms a rolling track for the bearing train, and the other receives by any suitable means a layer of suitable thickness of rubber or other suitable elastic material so as to form a single rectangular sectioned body, the elastic part intended to contact with the ground, being provided, if desired, with any arrangements intended to increase its adhesion to the ground.

2. The band for endless track vehicles substantially as described or substantially as illustrated in the accompanying drawing.

Dated this 25th day of August, 1924.

ADOLPHE KEGRESSE.

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[This Drawing is a full-size reproduction of the Original.]

