

Title (en)
TIRE SHIELD ATTACHMENT SYSTEM

Title (de)
BEFESTIGUNGSSYSTEM FÜR EINE REIFENABSCHIRMUNG

Title (fr)
SYSTÈME DE FIXATION DE PROTECTION DE PNEU

Publication
EP 3041688 A4 20170510 (EN)

Application
EP 14841697 A 20140904

Priority
• US 201361873742 P 20130904
• US 2014054032 W 20140904

Abstract (en)
[origin: WO2015035007A1] This tire shield attachment system uses flexible connectors including chains, mesh, webbings, connectors, cables or the like to hold the protective shield in position adjacent the sidewall. The connectors cross over the treaded part of the tire and may be placed through gaps between the treads or over the treads of the tire being protected. The connectors are attached on the inboard side to an inboard attachment ring, and on the outboard side to the tire shield directly or to an outboard ring to which the shield may be mounted. The inboard ring can be opened for installation around the axle without removing the wheel. The tire shield may, in most embodiments, also be removed or changed out without removing the attachment system. Both inboard and outboard rings may be formed from flexible or rigid materials and may have elastic properties and/or incorporate tensioning devices. The same is true for the connectors, which may be placed over or under the tire shield.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
• [XA] DE 9210350 U1 19931209 - RUD KETTEN RIEGER & DIETZ [DE]
• [X] WO 9947371 A2 19990923 - RUD KETTEN RIEGER & DIETZ [DE], et al
• [A] EP 0007981 A1 19800220 - CATERPILLAR TRACTOR CO [US]
• See references of WO 2015035007A1

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

DOCDB simple family (publication)
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DOCDB simple family (application)
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