

Title (en)
SNOW CHAIN MADE OF A USED TIRE

Title (de)
AUS EINEM ALTREIFEN HERGESTELLTE SCHNEEKETTE

Title (fr)
CHAINE A NEIGE FABRIQUEE A PARTIR D'UN PNEUMATIQUE USAGE

Publication
EP 1478527 A1 20041124 (EN)

Application
EP 02733515 A 20020509

Priority
• KR 0200864 W 20020509
• KR 20020003153 U 20020131

Abstract (en)
[origin: WO03064191A1] Disclosed is a snow chain making use of a used tire, which can reuse a used tire economically by using used tire pads, as friction material. The snow tire making use of a used tire includes: a plurality of used tire pads made by dividing a used tire in a circumferential direction; inner and outer connection members for connecting ends of the used tire pads at regular intervals, the inner and outer connection members being in the form of a trapezoid when they are spread; a plurality of spikes coupled to the surfaces of the used tire pads; inner and outer coupling means for separating the inner and outer connection members from each other, the inner and outer coupling means closely contacting the used tire pads to a tread surface of a tire in such a manner that the used tire pads go across the tread surface of the tire; and chains arranged between the used tire pads, ends of the chains being connected to the inner and outer connection members respectively. The snow tire, which uses the same material as the tire, can reduce damage of the tire, the environmental pollution by reusing waste material, and economic loss by reducing a material cost.

IPC 1-7
B60C 27/16

IPC 8 full level
B60C 1/00 (2006.01); **B60C 27/16** (2006.01)

CPC (source: EP KR)
B60C 27/16 (2013.01 - EP KR)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 03064191 A1 20030807; CN 1328075 C 20070725; CN 1617810 A 20050518; EP 1478527 A1 20041124; EP 1478527 A4 20060503; KR 200280673 Y1 20020713; RU 2004126321 A 20050410; RU 2281206 C2 20060810

DOCDB simple family (application)
KR 0200864 W 20020509; CN 02827767 A 20020509; EP 02733515 A 20020509; KR 20020003153 U 20020131; RU 2004126321 A 20020509