CLASS 305 WHEEL SUBSTITUTES FOR LAND VEHICLES

1 STEPPER TYPE
2 .Cam positioned
3 .Having plural link connector elements
4 .Feet attached to rim
5 .Spring biased

6 RIGID PORTABLE TRACK
7 .Circular
8

9 WITH BRAKE
100 WITH MEANS TO REMOVE OR EXCLUDE FOREIGN MATTER (E.G., SEAL, SCRAPER)
101 .With means between track links or shoes
102 .With peripheral seal between bushing and track link
103 .With end seal between bushing and track link
104 .And at connector pin
105 .With seal between connector pin and bushing
106 .With seal between connector pin and track link
107 .With deflector plate, track guide means, or scraper
108 .With deflector or guard mounted to track body
109 .With deflector plate mounted to lateral side of track
110 .With scraper mounted to scrape track or wheel
111 .With self-cleaning tread or track unit
112 .Including self-cleaning endless belt
113 .Having openings through side or base of shoe or link
114 .With particular shoe, lug, grouser structure, or material
115 .With self-cleaning sprocket or drive wheel

116 TRACK GUIDE OR ALIGNMENT MECHANISM
117 WITH LUBRICATION
118 .Including passage in connector pin
119 .Including passage in or for roller structure

15 COMBINED OR CONVERTIBLE
120 WITH FRAME CARRIED ENDLESS TRACK
121 .With roller antifriction means
122 .Track carried
123 .Rollers engage toothed wheel or frame

SINGLE WHEEL TYPE

WHEEL ON TOP OF UPPER TRACK RUN

WITH TRACK SUPPORT INTERMEDIATE OF END WHEELS
124 Including end wheel support for movement to maintain track tension
125 .Including elongated slide or frame support
126 .Combined with at least one intermediate roller
127 .With roller support contacting lower track run
128 .With frame-mounted rollers
129 .Adjustable or movable frame
130 .With roller support mounted for movement individually or in pairs
131 ...Including individual roller mounted for movement at end of arm
132 ...Including walking beam or pivoting arm
133 ...With high drive arrangement
134 ...Specific roller structure, per se
135 ...Including structure to engage track (e.g., wear surface, cushion)
136 ...Including roller mounting means
137 ...With intermediate upper track run support
138 .With endless roller chain support
139 .With vertically movable wheel support
140 .With plural wheel support

WITH MEANS FOR TENSIONING TRACK BY MOVING AT LEAST ONE ENDWHEEL
141 .Condition responsive (e.g., inclination, speed, operator command)
142 .Including hydraulic adjusting means
143 .Including spring device (e.g., coil spring)
144 .Including gas recoil

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149. With vent or relief valve
150. Vertically movable endwheel
151. Biased by spring only
152. Longitudinally outwardly biased by coil spring only
153. Longitudinally adjustable
154. Including threaded tension adjuster
155. With intermediate support member (e.g., linkage)
156. Tensioner contained within idler wheel

WITH INTERPOSED FRICTION DRIVE
BELT

33 WITH INTERPOSED FRICTION DRIVE
BELT

157 ENDLESS BELT HAVING NONMETALLIC
TRACK OR TREAD
158. Track formed of flexible sections
159. Track formed of rigid nonmetallic links
160. Lug, shoe, or grouser structure, per se
161. With mounting means
162. Including threaded fastening means
163. With noncylindrical or hollow connector pin
164. Including metal sleeve for connector pin
165. Track formed of endless flexible belt
166. Including plural layers of different materials
167. With metallic embedded reinforcement
168. Including clip for snowmobile track
169. Including means for sprocket tooth engagement (e.g., lug aperture)
170. Reinforcement is endless
171. Including core bar reinforcement
172. Including overlapping core bar sections
173. Including sprocket wheel or roller guide lug or projection
174. Including lugs or projections
175. Including additional reinforcement for sprocket wheel

176. Portion of resilient belt overlaps core bar (e.g., roller engagement surface)
177. Including core bar reinforcement
178. With integral grouser
179. With reinforcement in or at grouser formation
180. With removable lug or grouser
181. Grouser connects plural adjacent belts
182. Including discrete connector to connect opposite belt ends
183. With connecting means for reinforcement elements
184. With friction drive structure

TRACKS OR TREADS

34 INFLATABLE MEANS
185 ENDLESS BELT HAVING NONMETALLIC
TRACK OR TREAD
186. Cable connected treads
187. Resilient connection between treads
188. Torsion bushing
189. Resilient compressible hinge
190. Steerable
191. Adjustable connection between treads
192. With resiliently biased ground engaging portion
193. With sag prevention means
194. Projecting truss type
195. Truss interconnected
196. Track treads interconnected without separate fastening means
197. With street plate
198. With roller means
199. One piece track tread
200. Having master link
201. With detachable grouser for endless chain track
202. Including additional locking means to eliminate stress concentration
203. Including nonmetallic part or component
204. Reversible
205. Grouser structure, per se
206. Specific material (e.g., hardness, welding, method of manufacture)
207. With guide means for interfitting with sprocket wheel or roller
Track wheel wear protection
(e.g., track element protection)

Sprocket and track engagement
Track formed of rigid links
....Having nonmetallic part or component (e.g., at area of engagement)
....Link or shoe structure, per se
....Sprocket wheel structure, per se
Track formed of rigid links
Link or shoe structure, per se
Separate transverse connector pin between treads
Including nonmetallic part or component
Including additional locking member for retaining link connectors (e.g., pin connectors)
Including noncylindrical or hollow connector pin

MISCELLANEOUS

CROSS-REFERENCE ART COLLECTIONS

900 MASTER LINK

FOREIGN ART COLLECTIONS

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