

Title (en)
DISPOSITION OF TRANSPONDER COUPLING ELEMENTS IN TIRES

Title (de)
ANORDNUNG VON TRANSPONDERKUPPLUNGSEINHEITEN IN REIFEN

Title (fr)
DISPOSITION D'ELEMENTS DE COUPLAGE DE TRANSPONDEUR DANS DES PNEUMATIQUES

Publication
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Application
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Priority
US 9918666 W 19990816

Abstract (en)
[origin: WO0112452A1] A pneumatic radial ply tire (500, 600, 900, 1000, 1100, 1200, 1300, 1400) having a tread (538, 638, 938, 1038, 1138, 1238, 1338, 1438), a carcass structure (560, 660, 960, 1060, 1160, 1260, 1360, 1460) and a belt structure (546, 646, 946, 1046, 1146, 1246, 1346, 1446) has an electrically conductive and electrically continuous single-turn hoop (510, 610, 910, 1010, 1110, 1410) disposed about the circumference of the tire. The hoop might be provided as a coupling element in a transponder and interrogator system and in some designs as a structural element of the tire.

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