

ABSTRACT

~~TRUCK TIRE WITH SPLIT OVERLAY~~

A medium pneumatic truck tire (10), has a belt package (18) comprising a plurality of belt plies (20, 22, 24, 26). The tread (16) of the tire is 200 to 380mm wide (8 inches to 15 inches). In the shoulder area (31) of the tire, an overlay strip (32) is abutted against belt edge (34) of top belt (26) and is disposed over belt edge (33) of the adjacent belt (24). The overlay strip (32) is applied in two layers, and the reinforcing cords (38) therein have an angle of 0° with respect to the equatorial plane of the tire (10). The overlay strip (32) is about 51mm (2 inches) wide and has an overlap splice of about 40mm (1.5 inches). The overlay strip (32) overlaps belt edge (36) by 15 to 20mm (0.5 to 0.75 inch).