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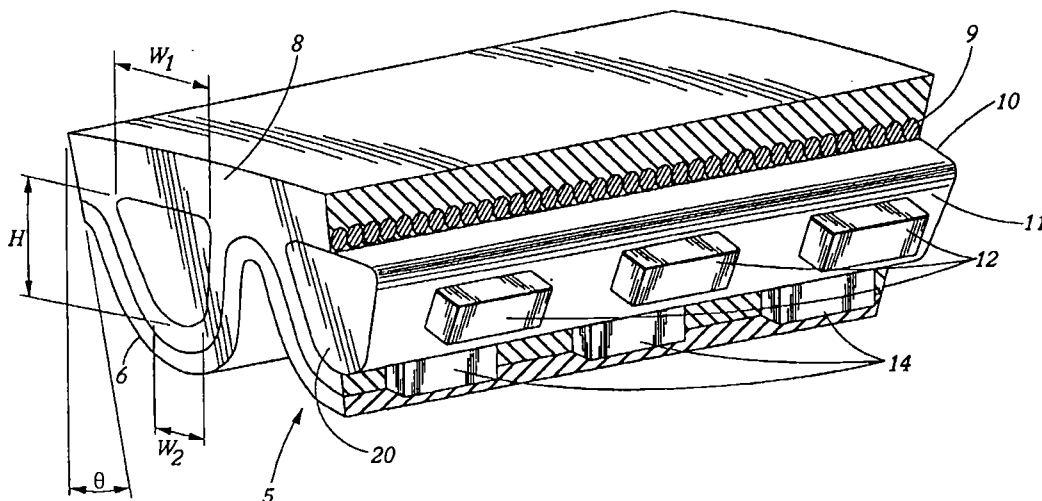
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(54) Title: TRANSVERSE REINFORCED CVT BELT



(57) **Abstract:** The invention comprises a cog type belt having a plurality of transverse teeth (5) on an inner surface. The belt comprises an outer extensible elastomeric layer (8), an inner compression layer and a tensile member (9). Each tooth further comprises a non-metallic or plastic transverse member, pillar or rod (10) that extends across the width of each tooth (5). The opposing outer surfaces of each transverse member are inclined to each other and each end approximately equates to an outer surface of the belt body elastomeric. A compressive load between the sheaves is carried by the rod and the sidewall in proportion to the modulus of each component. The transverse members have pegs or legs (12, 14) that allow proper spatial orientation of each transverse member in each tooth during the fabrication process, thus assuring proper operating characteristics, including proper alignment within a pulley.

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