

THIS SHEET HAS BEEN
REPLACED

Abstract of the Disclosure

TRACK BUSHING HAVING LASER CLADDING END TREATMENT FOR
IMPROVED ABRASION AND CORROSION RESISTANCE, AND A
PROCESS

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A track bushing for an endless track of a track-type vehicle includes a cylindrical tubular shape, a first end and a second end, and first end and
10 second bearing surfaces adjacent respective ends. A circumferential groove having a depth in an axial direction is formed in at least one of the first end and second end bearing surfaces. An abrasion resistant material is deposited within the
15 circumferential groove and bonded to the bushing at a bond interface. The abrasion resistant material at the bond interface is diluted with no greater than 5% by weight track bushing material.

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FIGURE 2

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