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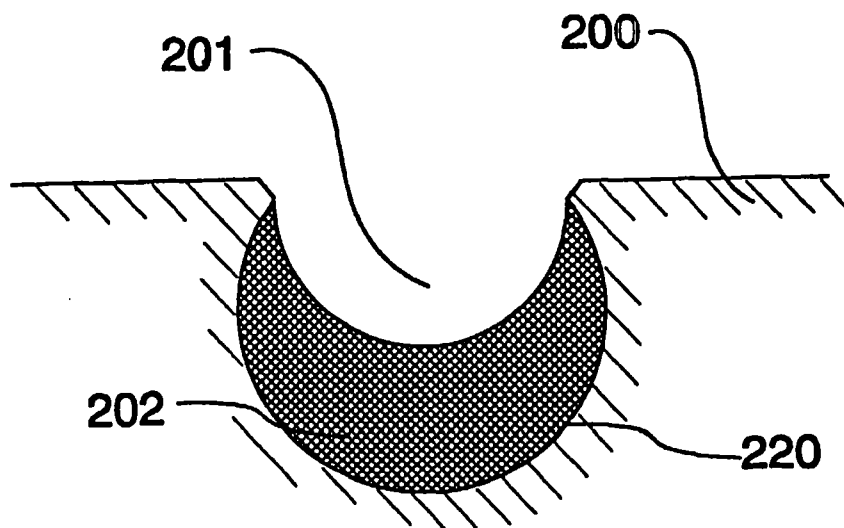
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(54) Title: ELEVATOR AND TRACTION SHEAVE OF AN ELEVATOR



(57) Abstract: A counterweight and an elevator car are suspended on a set of hoisting ropes. The elevator comprises one or more rope pulleys provided with rope grooves, one of said pulleys being a traction sheave driven by a drive machine and moving the set of hoisting ropes. At least one of the rope pulleys is provided with a coating bonded to the rope pulley and containing the rope grooves, said coating having a thickness that, at the bottom of the rope groove, is substantially less than half the thickness of the rope running in the rope groove and a hardness less than about 100 shoreA and greater than about 60 shoreA. In a preferred solution, the traction sheave is a rope pulley like this.

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