

Title (en)

SKID STEER LOADERS WITH VARIABLE ISOLATION ON VIBRATORY ROLLER

Title (de)

KOMPAKTLADER MIT VARIABLER ISOLIERUNG AN VIBRATIONSROLLE

Title (fr)

CHARGEUSES À DIRECTION À GLISSEMENT AVEC ISOLATION VARIABLE SUR ROULEAU VIBRANT

Publication

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Application

EP 09741128 A 20091014

Priority

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Abstract (en)

[origin: WO2010045316A1] Disclosed are skids steer loaders (100) and vibratory roller attachments (200) embodiments in which an improved variable isolator (270) is provided to isolate the skid steer loader, and thus the operator of the loader, from the severity of the vibrations in the vibratory roller. The vibratory roller attachment includes a frame (210) configured to be mounted to the skid steer loader. A drum (205) is supported by the frame, and an eccentric weight (250) is positioned within the drum. A plurality of variable isolators (270) couple the drum to the frame to provide isolation of the skid steer loader from vibrations of the vibratory roller. The plurality of variable isolators each have a non-cylindrical exterior shape (805). The non-cylindrical shape can include an exterior surface having curved end portions (905; 910) separated by a substantially linear middle portion (920) to allow for improved deflection of the variable isolators, and thus improved vibration isolation between the attachment and the skid steer loader.

IPC 8 full level

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