

**BI-ROTATING DIRECTIONAL INPUT AND CONSTANT
ROTATING DIRECTIONAL OUTPUT WHEEL SYSTEM
CAPABLE OF PREVENTING REVERSE ROTATION WHEEL
SYSTEM FROM GENERATING FOLLOWING DAMP**

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ABSTRACT

The present invention relates to an improved bi-rotating directional input and constant rotating directional output wheel system, which is characterized in that: a unidirectional transmission device is respectively
10 installed between a first driving rotating directional input wheel set and a bi-rotating directional joint input shaft, between a first driving rotating directional output wheel set and a constant rotating directional output rotation part and between the constant rotating directional output rotation part and the joint input shaft, thereby preventing the transmission set in
15 the first driving rotating direction from being linked and generating the following damp while being driven in a second driving rotating direction.

Figure 1