

Title (en)
LINEAR DRIVING APPARATUS

Title (de)
LINEARANTRIEBSGERÄT

Title (fr)
APPAREIL DE PROPULSION LINEAIRE

Publication
EP 1023217 A1 20000802 (EN)

Application
EP 98953519 A 19981014

Priority
• US 9821726 W 19981014
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Abstract (en)
[origin: WO9919202A1] An apparatus for linearly driving a vehicle or machine. The apparatus includes a frame (102), at least one drive wheel (104), and at least one rotatable driver (106), rotatably mounted with respect to the frame (102). Further, the system includes a flexible, elongated power transmitter (110) mounted for reciprocating linear motion with respect to frame (102) and passing around and engaging the rotatable driver (106) to rotate the driver (106) in at least a first rotational direction. The apparatus also has first and second pedals (105A, 105B) to engage the power transmitter (110) in a first and second direction. The first and second pedals (105A, 105B) are mounted to the frame (102) in a manner that permits only non-arcuate, linear reciprocating motion of the pedals (105A, 105B) with respect to frame (102).

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