

Title (en)

Apparatus for generating reciprocating movements

Title (de)

Vorrichtung zur Erzeugung hin- und hergehender Bewegungen

Title (fr)

Appareil de génération de mouvements alternatifs

Publication

**EP 0994029 B1 20090311 (DE)**

Application

**EP 99120137 A 19991008**

Priority

DE 19847433 A 19981015

Abstract (en)

[origin: EP0994029A1] The arrangement has transmission elements that drive a drive element or sliding element (24,25). The transmission elements perform only rotational motion or can move along circular paths of motion. The linearly moving drive elements are connected to transmission elements, esp. via levers (37), whereby the region of the connection between a lever and sliding element can only move along a straight path.

IPC 8 full level

**A24C 5/02** (2006.01); **B65B 35/20** (2006.01); **B65B 19/22** (2006.01); **B65G 25/00** (2006.01); **B65G 47/82** (2006.01)

CPC (source: EP US)

**B65B 19/225** (2013.01 - EP US); **B65B 35/20** (2013.01 - EP US)

Cited by

DE102019119609A1; EP1149769A2; WO02064431A1; EP2703304A1; DE102012017133A1; US7017734B2; WO2021013658A1

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**EP 0994029 A1 20000419**; **EP 0994029 B1 20090311**; BR 9904683 A 20000829; BR 9904683 B1 20101019; CN 1251888 A 20000503; CN 1263653 C 20060712; DE 19847433 A1 20000420; DE 59914975 D1 20090423; JP 2000157244 A 20000613; JP 3964582 B2 20070822; US 6328152 B1 20011211

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**EP 99120137 A 19991008**; BR 9904683 A 19991015; CN 99121560 A 19991015; DE 19847433 A 19981015; DE 59914975 T 19991008; JP 29442099 A 19991015; US 41899399 A 19991014