

Title (en)

Drive mechanism for a drum.

Title (de)

Fahrerantrieb für eine Walze.

Title (fr)

Mécanisme de mouvement pour un rouleau.

Publication

EP 0043916 A1 19820120 (EN)

Application

EP 81104497 A 19810611

Priority

US 8000904 W 19800714

Abstract (en)

A drive mechanism (10) has a frame (16), a driven member (14) and a first element (20) rotatable relative to the frame (18). A driving element (24) is mounted on and rotatable with the first element (20). Apparatus (34), such as a hydraulic motor (40) and pinion gear (38), engages and rotates the driving element (24). Apparatus (36), such as a brake (42) and pinion gear (44) engages and controllably blocks the driving element (24) from rotation. Final drive apparatus (66) transfers rotational motion from the first element (20) to the driven member (14), which can be, for example, a drum (14) of a compactor inside of which the drive mechanism (10) is located. The orientation of the elements of the drive mechanism (10) reduces its width which frees more area inside the space limited drum (14) and eliminates the need to mount components exteriorly to the drum (14) where they can be damaged.

IPC 1-7

E01C 19/26; **E01C 19/28**; **F16H 37/04**

IPC 8 full level

E01C 19/23 (2006.01); **E01C 19/26** (2006.01)

CPC (source: EP)

E01C 19/26 (2013.01)

Citation (search report)

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WO9531657A1

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DOCDB simple family (publication)

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