

Title (en)

Pressure-feeding apparatus.

Title (de)

Druckmittelzuführvorrichtung.

Title (fr)

Dispositif pour alimentation de pression.

Publication

EP 0247459 A1 19871202 (EN)

Application

EP 87107053 A 19870515

Priority

JP 11248686 A 19860519

Abstract (en)

This invention relates to a pressure-feeding apparatus (1) of the type wherein oil pressure chambers disposed on both sides of a barrel (13) of an oil pressure cylinder (12) are connected to a pressure-feeding apparatus main body (2) having swelling type flexible membranes (3) corresponding to the oil pressure chambers (17) through oil pressure passages (11). More particularly, the present invention relates to an oil pressure cylinder apparatus (12) which can be transported by a truck or the like and has a construction wherein an oil pressure cylinder (12) has three-dimensionally a pair of oil pressure chambers (21) having an equal capacity on both sides of a center oil chamber (20) through partitions, the piston (18) of each of these three oil pressure chambers is integrally connected by a rod (19), the oil pressure chambers (21) on both sides are connected by a bypass passage (24) while the center oil pressure chamber (20) is connected to an oil tank (28) through an oil pressure pump (36) and switch valves (34) such as electro-magnetic valves are disposed in the passage of the oil pressure chambers (20) on both sides connected to the oil tank (28).

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F04B 43/06; F04B 9/08

IPC 8 full level

F04B 9/113 (2006.01); **F04B 43/067** (2006.01)

CPC (source: EP KR US)

F04B 9/113 (2013.01 - EP KR US); **F04B 43/0054** (2013.01 - KR); **F04B 43/067** (2013.01 - EP KR US); **F04B 53/10** (2013.01 - KR)

Citation (search report)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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