

Title (en)

PUMPING AND DISPERSING DEVICE FOR HIGH-VISCOSITY LIQUIDS SUCH AS MORTARS FOR PLASTERING

Publication

EP 0249900 A3 19891213 (DE)

Application

EP 87108482 A 19870612

Priority

AT 166386 A 19860618

Abstract (en)

[origin: EP0249900A2] The device serves for pumping and dispersing high viscosity compounds such as mortars for plastering. Mounted on a chassis (1) which can travel on a wheel axle (21) are a storage tank (2) and two vertical delivery cylinders (5) containing displaceable delivery pistons (7). The delivery pistons (7) are driven by a crank mechanism consisting of crankshaft (15) and a slide rod (19). The drive is provided by a gear in a gearbox (40) and a flange-connected drive motor (22) with vertical shaft. A pressure line (29) connecting the two pressure sides of the delivery cylinders (5) leads under the storage tank (2) to a hose connection (30). The apparatus is of almost symmetrical construction in relation to its vertical longitudinal centre axis. This design permits a very low, compact construction which greatly simplifies handling of the apparatus in operational use. <IMAGE>

IPC 1-7

F04B 15/02

IPC 8 full level

E04F 21/10 (2006.01); **F04B 15/02** (2006.01)

CPC (source: EP)

E04F 21/10 (2013.01); **F04B 15/02** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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