

Title (en)

Press for compacting containers with contaminated waste.

Title (de)

Presse zum Zusammenpressen von Behältern mit kontaminiertem Abfall.

Title (fr)

Presse pour comprimer des fûts de déchets contaminés.

Publication

EP 0555131 B1 19951108 (FR)

Application

EP 93400238 A 19930201

Priority

FR 9201163 A 19920203

Abstract (en)

[origin: EP0555131A1] Press for compacting containers (28) of contaminated waste, comprising a frame including a base (1) and an upper crosshead (3) connected to the base by means of vertical supports (4), and a compacting assembly comprising a principal cylinder (5) linked to the upper crosshead (3), a principal piston (6), located in the said principal cylinder and determining a principal chamber (11) between the said piston and the upper end plate (10) of the said principal cylinder, the said principal piston being extended by a rammer rod (7), and a skirt (8) intended to surround the said container (28) at the time of the latter's compacting by the rammer, characterised in that the said skirt (8) is extended at its upper end by a tubular piston (9) accommodated in the said principal cylinder (5) between the latter and the said rammer rod (7) and determining an intermediate chamber (13) between itself and the principal piston (6) and an annular chamber (14) between itself and the lower end of the principal cylinder (5), the said principal chamber (11) and the said annular chamber (14) including pipes (12, 17) so that they can be supplied with control fluid, and in that the said intermediate chamber (13) includes a sliding leaktight device permitting its supply with control fluid. <IMAGE>

IPC 1-7

B30B 9/30; **G21F 9/36**

IPC 8 full level

B09B 3/00 (2006.01); **B30B 1/32** (2006.01); **B30B 9/30** (2006.01); **B30B 9/32** (2006.01); **G21F 9/30** (2006.01); **G21F 9/36** (2006.01)

CPC (source: EP US)

B30B 1/32 (2013.01 - EP US); **B30B 9/3021** (2013.01 - EP US); **B30B 9/3057** (2013.01 - EP US); **B30B 9/32** (2013.01 - EP US); **G21F 9/36** (2013.01 - EP US); **Y10S 100/902** (2013.01 - EP US)

Cited by

US11022421B2; WO9713254A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0555131 A1 19930811; **EP 0555131 B1 19951108**; AT E129963 T1 19951115; CA 2088561 A1 19930804; CA 2088561 C 19970218; DE 69300744 D1 19951214; DE 69300744 T2 19960411; FR 2686830 A1 19930806; FR 2686830 B1 19940318; JP H05277795 A 19931026; US 5323698 A 19940628; ZA 93711 B 19930901

DOCDB simple family (application)

EP 93400238 A 19930201; AT 93400238 T 19930201; CA 2088561 A 19930201; DE 69300744 T 19930201; FR 9201163 A 19920203; JP 1637293 A 19930203; US 1243793 A 19930202; ZA 93711 A 19930202