

Title (en)
Cable operated excavating bucket

Title (de)
Seilbetätigter Schlitzwandgreifer

Title (fr)
Benne d'excavation à câbles

Publication
EP 0887474 B1 20020904 (FR)

Application
EP 98401579 A 19980625

Priority
FR 9707925 A 19970625

Abstract (en)
[origin: EP0887474A2] The bucket comprises a skirt (1) to which clam shells (4,5) are pivoted, and an opening/closing mechanism (8,9,11-18b) operated by cables (2,3), with shutters (19,20) to regulate the attitude of the bin by interacting with the surface of the excavation. The skirt also contains a power generator (34) in the form of a hydraulic pump and cylinder, and a drive to operate it actuated by the clam shell opening and closing mechanism. The power generator is connected to the shutter control system (25,26), and the opening/closing mechanism has a carriage (14) for a block and tackle system operated by a motor.

IPC 1-7
E02F 3/40; **E02F 3/26**

IPC 8 full level
E02F 3/20 (2006.01); **E02F 3/26** (2006.01)

CPC (source: EP)
E02F 3/26 (2013.01); **E02F 3/475** (2013.01)

Cited by
EP3872267A1; FR3107537A1

Designated contracting state (EPC)
AT DE ES FR GB IT NL

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EP 0887474 A2 19981230; **EP 0887474 A3 19990804**; **EP 0887474 B1 20020904**; AT E223540 T1 20020915; DE 69807599 D1 20021010; DE 69807599 T2 20030424; ES 2183299 T3 20030316; FR 2765257 A1 19981231; FR 2765257 B1 19990903

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