

Title (en)
LIFTING GATE

Publication
EP 0163180 A3 19861008 (DE)

Application
EP 85105747 A 19850510

Priority
AT 173984 A 19840525

Abstract (en)
[origin: EP0163180A2] A lifting gate (1) is described which can be completely sunk in to a ground opening (4). The lifting gate (1) is accommodated in a container whose base wall (5) and side walls (6,7,8,9) serve as formwork when the container has been inserted in the ground opening (4). The top wall (3) of the container is at the same level as the ground (2) and has a slotted opening (10) which opens the way for the upward or downward travel of the lifting gate (1). A cylinder/piston means (13), which is subjected to the pressure means from a drive unit (14), acts on the lifting gate (1). The lifting gate (1) is guided on both sides on fixed vertical guide rails (18) which are preferably formed from two corner posts of the container frame and extend only to the group (2) or to the top wall (3), i.e. do not project beyond the latter. <IMAGE>

IPC 1-7
E06B 9/04; **E06B 11/02**

IPC 8 full level
E06B 3/44 (2006.01); **E06B 11/02** (2006.01)

CPC (source: EP)
E06B 3/44 (2013.01); **E06B 3/4423** (2013.01); **E06B 11/02** (2013.01)

Citation (search report)
• [X] US 2805046 A 19570903 - PETTERSON JOHN C
• [A] DE 1915075 A1 19691023 - MALKMUS DOERNEMANN CAROLA

Cited by
EP2226455A1; FR2921965A1; FR2866665A1; ES2746030A1; BE1018673A5; US10174554B2; WO2020049198A1; WO2011029737A1; WO2007039713A3

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