

Title (en)

DEVICE AND METHOD FOR LIFTING A LAYER OF STONES

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ANHEBEN EINER LAGE VON STEINEN

Title (fr)

DISPOSITIF ET PROCEDE POUR SURELEVER UNE COUCHE DE PIERRES

Publication

EP 1899254 A1 20080319 (DE)

Application

EP 06753515 A 20060509

Priority

- EP 2006004291 W 20060509
- DE 102005023487 A 20050521

Abstract (en)

[origin: WO2006125520A1] A device for lifting a layer of stones, particularly of artificially aged cast concrete stones, clinker bricks or natural stones, comprises a vacuum device with a suction opening for drawing up the stones. The suction opening (4) obtains, by means of changeable template elements (5), a pattern consisting of closed and open suction areas (6, 7). The created pattern is essentially adapted to the respective layer of stones (1) to be lifted, and concentrates the suction power of the vacuum device, in essence, onto the upper surfaces of the stones.

IPC 8 full level

B66C 1/02 (2006.01)

CPC (source: EP US)

B66C 1/025 (2013.01 - EP US); **B66C 1/0281** (2013.01 - EP US)

Citation (search report)

See references of WO 2006125520A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102005023487 A1 20061123; CA 2609232 A1 20061130; EP 1899254 A1 20080319; US 2008197644 A1 20080821;
WO 2006125520 A1 20061130

DOCDB simple family (application)

DE 102005023487 A 20050521; CA 2609232 A 20060509; EP 06753515 A 20060509; EP 2006004291 W 20060509; US 91518706 A 20060509