

Title (en)
GRIPPER FOR SLAB-SHAPED CONCRETE ELEMENTS

Publication
EP 0035159 B1 19850605 (DE)

Application
EP 81101101 A 19810217

Priority
DE 3006652 A 19800222

Abstract (en)
[origin: EP0035159A2] 1. Clamp for plate-like concrete elements particularly for laying units (13) comprising loosely engaged concrete paving stones, for receiving, transporting and placing (laying) the same with a barrow-like laying means, wherein the plate-like concrete elements are engageable by at least two clamping jaws (16, 17) is arranged on a two-armed lever (21, 52, 52) subject to the action of a pressure member (26, 55), the power arm (22) of said lever (21, 51, 52), the power arm (22) of said lever having a multiple of the length of the load arm (20) receiving clamping jaws (17), characterized in that the pressure member comprises a toggle lever (26, 55) having at least one toggle lever arm (30, 31) formed from two telescopic parts (33) braced against one another, particularly by elastic pressure means (35).

IPC 1-7
E01C 19/52; **B66C 1/48**

IPC 8 full level
B66C 1/42 (2006.01); **B66C 1/44** (2006.01); **B66C 1/48** (2006.01); **E01C 19/52** (2006.01)

CPC (source: EP)
B66C 1/442 (2013.01); **E01C 19/52** (2013.01)

Cited by
EP0559188A1; EP1209290A1; BE1013850A5; FR2539775A1; CN107425465A

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DOCDB simple family (publication)
EP 0035159 A2 19810909; **EP 0035159 A3 19820224**; **EP 0035159 B1 19850605**; AT E13703 T1 19850615; CA 1153602 A 19830913; DE 3006652 A1 19810827; DE 3170797 D1 19850711; DK 76281 A 19810823; ES 265248 U 19830216; ES 265248 Y 19830801; JP S56161287 A 19811211; NO 810518 L 19810824

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