

Title (en)  
CART FOR LAYING PAVING ELEMENTS

Publication  
**EP 0087494 B1 19870902 (DE)**

Application  
**EP 82103466 A 19820423**

Priority  
AT 82982 A 19820303

Abstract (en)  
[origin: EP0087494A2] 1. A laying cart for laying paving elements, comprising a frame (7) movable on wheels (25) and pivotable about a horizontal axis (24), a forwardly projecting beam (2) connected to the frame (7) so as to be pivotable about a horizontal swivel axis (8), a gripper (3) carried by the beam (2), an accumulator adapted to be acted upon by downward movement of the loaded gripper (3) and having a spring (22), and a hydraulic brake system serving to control the beam swivel motions and including two cylinder chambers that may be alternately filled with pressurized fluid and emptied of pressurized fluid respectively, and including a throttle valve (19) that is interconnected between the two cylinder chambers, characterized in that the beam (2) has provided thereon a curved guide (21) as a support for at least one tension spring (22) of the accumulator, said guide rotating together with the beam, and the tension spring (22) having one end (23) anchored to the beam (2) and the other end (26) anchored to the frame (7) ; that two piston and cylinder assemblies (11, 12; 13, 14) are provided each having one end pivoted to the frame (7) and the other end pivoted to the beam (2) on opposite sides of the beam swivel axis (8) ; and in that the cylinder chamber of the one piston and cylinder assembly (11, 12) which is emptied during downward swivelling motion of the beam (2) is connected to the cylinder chamber of the other piston and cylinder assembly (13, 14) which is filled during the downward swivelling motion of the beam (2), with the throttle valve (19) being connected therebetween.

IPC 1-7  
**E01C 19/52**

IPC 8 full level  
**E01C 19/45** (2006.01); **E01C 19/52** (2006.01)

CPC (source: EP)  
**E01C 19/528** (2013.01)

Cited by  
EP0226773A3; EP1054107A1; NL2001393C2; BE1018576A5; WO9514821A1

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DOCDB simple family (publication)  
**EP 0087494 A2 19830907; EP 0087494 A3 19840912; EP 0087494 B1 19870902**; AT 376729 B 19841227; AT A82982 A 19840515; DE 3277122 D1 19871008; DE 8211698 U1 19821118; DE 8228211 U1 19830616; JP S58222204 A 19831223; JP S6151090 B2 19861107; ZA 831213 B 19831130

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