

Title (en)

MATERIAL-HANDLING AND EARTH-MOVING VEHICLE

Publication

**EP 0046234 B1 19840328 (FR)**

Application

**EP 81106104 A 19810804**

Priority

FR 8018027 A 19800814

Abstract (en)

[origin: US4401408A] The present invention relates to an articulated vehicle comprising a first frame assembly including a first pair of road wheels; an upwardly protruding vertical pivot fixed to the first frame assembly; a second frame assembly including a substantially horizontal beam having a first and a second ends, with the first end being formed with bearings mounted on the pivot and with the beam extending horizontally above the first frame assembly, a support fixed to the second end of the beam, the support including a second pair of road wheels; apparatus to rotate the second frame assembly about the pivot relative to the first frame assembly; a boom pivoted to the second frame assembly about a horizontal axis; apparatus to raise and lower the boom relative to the second frame assembly; ground engaging elements to support said vehicle; connectors to connect ground engaging elements with the first frame assembly while permitting vertical displacement of the ground engaging elements relative to said first frame assembly; and apparatus to displace the ground engaging elements relative to the first frame assembly between a retracted position for which said ground engaging elements are raised with respect to the first frame assembly, with the wheels of the first and second pair resting on the ground to support the vehicle, and an expanded position for which the wheels of the first and second pairs are raised above ground, the vehicle being wholly supported by the ground engaging elements.

IPC 1-7

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IPC 8 full level

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