

Title (en)
Portable hydraulic crane.

Title (de)
Tragbarer hydraulischer Kran.

Title (fr)
Grue hydraulique portable.

Publication
EP 0373392 A1 19900620 (EN)

Application
EP 89121557 A 19891121

Priority
US 28149088 A 19881208

Abstract (en)
The crane having a generally trapezoidal frame (10) with a caster wheel (20, 26) at each corner. A mast (52) is mounted on the front of the frame with a brace (54) between each rear corner and top of the mast. Spring loaded pins (58, 60) are used for these connections. A lifting ram (84) is pivotally connected to the mast (52) and to a telescopic boom (76, 78) pivoted on the mast. The frame has a socket on each side (12, 14) and a telescopic leg (18) including inner (46) and outer tubes (18) is mounted in each socket. A spring loaded pin (74) fixes the tubes (18, 46) relative to each other. The end of each leg has a wheel (20). Each leg (18) can pivot relative to its sleeve (12, 14) to enable raising the leg to position the distal end near the mast (52). The legs (18) can be disconnected from the sleeves (12, 14) and a locking device (28, 34) prevents removal of the legs.

IPC 1-7
B66C 23/48

IPC 8 full level
B66C 23/48 (2006.01)

CPC (source: EP)
B66C 23/48 (2013.01)

Citation (search report)
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