

Title (en)
POWER OPERATED TONGS FOR MOVING STEEL SLABS OR INGOTS

Publication
EP 0005260 B1 19810930 (DE)

Application
EP 79101325 A 19790502

Priority
DE 7813656 U 19780505

Abstract (en)
[origin: EP0005260A1] 1. Power-operated tongs for transporting steel ingots, billets, slabs or the like, with a tongs housing (12) and two two-armed tongs legs (19, 20, 44, 45) each pivotable about an axis (17, 18, 48, 49), between the upper arms of which a power unit (29, 30, 31, 32) is arranged, for closing and opening the tongs, by means of which a power storage device (25, 26, 52, 53) is actuated during seizure of the workpiece, which storage device maintains the pressure of the tongs legs during transport of the workpiece, characterized in that for power storage each tongs leg (19, 20, 44, 45) is mounted upon a rocker arm (21, 22, 46, 47) held by a double-acting power storage device (25, 26, 52, 53) carried on the tongs housing (12) and having its pivot axis (23, 24, 50, 51) located on the tongs housing (12) displaced in the horizontal and vertical directions with respect to the axis (17, 18, 48, 49) of the associated tongs leg.

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IPC 8 full level
B22D 29/04 (2006.01); **B65G 47/90** (2006.01); **B66C 1/42** (2006.01)

CPC (source: EP)
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Cited by
CN101922161A; CN111655934A; FR2663622A1; DE3500056A1; US4467912A; EP2253572A1; CN101886404A; US8469652B2

Designated contracting state (EPC)
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