

Title (en)
LIFTING CLAMP

Publication
EP 0364728 B1 19921202 (DE)

Application
EP 89116719 A 19890909

Priority
DE 8812717 U 19881011

Abstract (en)
[origin: US5005890A] A lifting clamp includes a clamp body defining a chamber for receiving articles, first and second opposing and facing jaws coupled to the clamp body, and a drive mechanism, coupling the second jaw to the clamp body for moving the second jaw along a path relative to the first jaw within the chamber to engage the articles between the jaws. The drive mechanism has a spindle with first and second spindle parts. The first spindle part is rotatably mounted in the clamp body. The second spindle part supports the second jaw and is guided for longitudinal movement in the first spindle part. The first spindle part drives the second spindle part to move the second jaw.

IPC 1-7
B66C 1/48

IPC 8 full level
B66C 1/48 (2006.01)

CPC (source: EP US)
B66C 1/48 (2013.01 - EP US)

Citation (examination)
US 3269766 A 19660830 - MERRILL GARDNER EDWARD

Cited by
DE102012013566A1

Designated contracting state (EPC)
AT CH DE FR LI

DOCDB simple family (publication)
US 5005890 A 19910409; AT E82940 T1 19921215; DE 58902892 D1 19930114; DE 8812717 U1 19881124; EP 0364728 A1 19900425; EP 0364728 B1 19921202; JP H02163286 A 19900622

DOCDB simple family (application)
US 41746789 A 19891005; AT 89116719 T 19890909; DE 58902892 T 19890909; DE 8812717 U 19881011; EP 89116719 A 19890909; JP 26607589 A 19891011