

Title (en)  
Stacker crane with a mast

Title (de)  
Regalbediengerät mit einem Mast

Title (fr)  
Transstockeur doté d'un mât

Publication  
**EP 2161237 A3 20120627 (DE)**

Application  
**EP 09450162 A 20090908**

Priority  
• AT 13932008 A 20080908  
• AT 5532008 U 20081002

Abstract (en)  
[origin: EP2161237A2] The crane has chassis frames (1, 1') for holding a mast (10) and movable on rails (4, 4'). A lift truck (1'') is arranged on the mast in a vertically displaceable manner, and the mast has two supports (11, 11') arranged at a distance from each other in a movement direction of the frames. The supports are connected with one another at a mast profile through a crossbeam (12) and made from light metal profiles, where the crossbeam is connected to the supports in a bending-resistant manner. The frames comprise a traction drive system that is arranged in an inner side of the mast profile.

IPC 8 full level  
**B66F 9/07** (2006.01); **B66F 9/08** (2006.01)

CPC (source: EP US)  
**B66F 9/07** (2013.01 - EP US); **B66F 9/08** (2013.01 - EP US)

Citation (search report)  
• [X] DE 2154709 A1 19730510 - MEHNE FA ERWIN  
• [X] GB 1187260 A 19700408 - PARKER WALLACE JAMES, et al  
• [X] JP 2002265012 A 20020918 - MURATA MACHINERY LTD  
• [X] DE 3930596 A1 19910314 - BARTSCHER KONRAD [DE]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2161237 A2 20100310; EP 2161237 A3 20120627**; EP 3088347 A1 20161102; EP 3088347 B1 20210804; US 2010068022 A1 20100318; US 8397645 B2 20130319

DOCDB simple family (application)  
**EP 09450162 A 20090908**; EP 16165272 A 20090908; US 55510309 A 20090908