

Title (en)
MASTS WITH A WHOLE LIFTING HEIGHT.

Title (de)
HUBMASTE MIT VÖLLIGER HUBHÖHE.

Title (fr)
MÂTS À HAUTEUR DE LEVAGE TOTALE.

Publication
EP 2467325 B1 20140910 (EN)

Application
EP 10747961 A 20100727

Priority
• IT MT20090003 A 20090817
• IT 2010000335 W 20100727

Abstract (en)
[origin: WO2011021231A1] Full free lift telescopic mast for fork lift truck comprising a pair of hydraulic two- step cylinders (1; 51; 61) mounted adjacent the outer sides of the mast assembly, or at the rear of it, a frame fixed to the fork lift truck chassis, one or two mobile frames, a load carriage device, chains and pulleys. The masts are able to perform the so-called "full free lift", i.e. a first lifting of the load without any increment of the overall mast length. During the second lifting stage, the mast assemblies expand increasing their length. The absence of hydraulic cylinders in the middle of the mast assembly improves the forward visibility of the fork lift truck operator.

IPC 8 full level
B66F 9/08 (2006.01); **B66F 9/22** (2006.01); **F15B 15/14** (2006.01); **F15B 15/16** (2006.01)

CPC (source: EP)
B66F 9/08 (2013.01); **B66F 9/22** (2013.01)

Cited by
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