

Title (en)

HYDRAULIC LIFTING EQUIPMENT, IN PARTICULAR LIFTING PLATFORM WITH TWO OR MORE PILLARS

Publication

EP 0372176 B1 19920909 (DE)

Application

EP 89117332 A 19890920

Priority

DE 3836903 A 19881029

Abstract (en)

[origin: EP0372176A1] The hydraulic lifting equipment has at least two telescopic cylinders (13, 14) in at least two stages, which telescopic cylinders are arranged spaced apart and together can lift and lower a load synchronously. The telescopic cylinders (13, 14) are coupled to each other via a mechanical synchronisation control (36) which has one rack gear per telescopic cylinder (13, 14). In this case, this rack gear is assigned in each case to the first stage (16 to 22) of the respective telescopic cylinder (13, 14). Both telescopic cylinders (13, 14) are synchronised via the synchronisation control equipment (36) in respect of their first stage (16 to 22) and also in respect of their second stage (20, 26, 27) by means of a hydraulic forced coupling in each case between the first (16 to 22) and the second stage (20, 26, 27), to be precise in a particularly simple and reliable manner. <IMAGE>

IPC 1-7

B66F 7/20

IPC 8 full level

B66F 7/20 (2006.01)

CPC (source: EP)

B66F 7/20 (2013.01)

Designated contracting state (EPC)

FR GB SE

DOCDB simple family (publication)

DE 3836903 C1 19900222; EP 0372176 A1 19900613; EP 0372176 B1 19920909

DOCDB simple family (application)

DE 3836903 A 19881029; EP 89117332 A 19890920