

Title (en)
Silo and method for building a silo

Title (de)
Silo und Verfahren zur Herstellung eines Silos

Title (fr)
Silo et méthode pour assembler un silo

Publication
EP 1257719 A1 20021120 (EN)

Application
EP 01907387 A 20010222

Priority
• DK 0100121 W 20010222
• DK PA200000282 A 20000223

Abstract (en)
[origin: WO0163074A1] There is disclosed a silo comprising an inner and an outer shell between which is provided an insulating material, and where the silo is composed of shell elements, the silo being built up from shell elements in the form of modules each comprising an outer and an inner shell member fastened on respective sides of a firm insulating material, the shell elements being mutually connected in horizontal direction by the joining of outer shell members and in vertical direction by means of through-going, largely vertical fastening means in the insulating material. Hereby is achieved a silo which is easy to mount without using crane equipment and which does not require building openings as the shell elements for building the silo may be moved in through existing gates and doors in a factory, and the silo may be built up "from the bottom" as firstly there is mounted a ring of shell elements and a top, which then are lifted up for subsequent fitting of an underlying row of shell elements until the silo is complete built.

IPC 1-7
E04H 7/22

IPC 8 full level
E04H 7/30 (2006.01)

CPC (source: EP)
E04H 7/30 (2013.01)

Citation (search report)
See references of WO 0163074A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0163074 A1 20010830; AT E478218 T1 20100915; AU 3535601 A 20010903; DE 60142827 D1 20100930; EP 1257719 A1 20021120; EP 1257719 B1 20100818

DOCDB simple family (application)
DK 0100121 W 20010222; AT 01907387 T 20010222; AU 3535601 A 20010222; DE 60142827 T 20010222; EP 01907387 A 20010222