

Title (en)
DEVICE AND METHOD FOR BUILDING A SILO

Title (de)
VORRICHTUNG UND VERFAHREN ZUM BAU EINES SILOS

Title (fr)
DISPOSITIF ET PROCÉDÉ DE CONSTRUCTION D'UN SILO

Publication
EP 4293179 A1 20231220 (EN)

Application
EP 22179313 A 20220615

Priority
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Abstract (en)
The invention generally relates to an alignment device for aligning arced silo panels to form a silo wall during construction of a silo. The invention may also relate to a lifting device for lifting silo panels during the construction of a silo. The invention may further relate to an arced silo panel for the construction of a silo, in particular to be used in combination with the alignment device and the lifting device for the construction of a silo. The invention may further relate to a method for constructing a silo, preferably using the alignment device, the lifting device, and/or the arced silo panels.

IPC 8 full level
E04H 7/06 (2006.01); **B21C 37/12** (2006.01); **B23K 37/02** (2006.01)

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Citation (search report)

- [Y] US 2007261455 A1 20071115 - VANDERBEKEN MARK [CA]
- [Y] US 4121747 A 19781024 - MCFATTER MYRON L
- [A] CN 1143044 C 20040324 - JANSSENS & DIEPERINK B V [NL]
- [X] CA 553406 A 19580218 - SMITH CORP A O
- [A] FR 2339720 A1 19770826 - GARCIA GARCIA SALVADOR [ES]

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