

Title (en)
Flexible silo

Title (de)
Flexibler Silo

Title (fr)
Silo flexible

Publication
EP 2196408 B1 20150923 (DE)

Application
EP 09450069 A 20090401

Priority
AT 19492008 A 20081215

Abstract (en)
[origin: EP2196408A2] The silo (1) has a frame (2), and a housing (3) that is partially supported by the frame. A stirring discharge unit (4) for discharging goods stored in the silo. The stirring discharge unit is arranged adjacent to a silo base (11) in an operating position of the silo. The stirring discharge unit has a stirring arm (41) and a screw conveyor (42). The screw conveyor is arranged in a conveyor channel (43) in an inner side of the silo. The silo base is dimensionally stable with standard loads, and the frame is formed by an adjusting unit. An independent claim is also included for a method for extracting goods stored in a flexible silo.

IPC 8 full level
B65D 88/54 (2006.01); **B65D 88/00** (2006.01); **B65D 88/68** (2006.01); **B65D 90/00** (2006.01); **B65D 90/20** (2006.01)

CPC (source: EP)
B65D 88/005 (2013.01); **B65D 88/54** (2013.01); **B65D 88/68** (2013.01); **B65D 90/00** (2013.01); **B65D 90/205** (2013.01)

Citation (examination)
• DE 202004002601 U1 20040422 - TRON SWITZERLAND LTD K [CH]
• US 5564329 A 19961015 - TOMIMATSU KAZUNARI [JP]

Cited by
CN110229040A; CN115445496A; CN108465444A; CN113651131A; CN117068619A; EP2740692A1; CN111039042A

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 TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
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