

Title (en)

SIEVE MECHANISM FOR UNLOADING SILO VEHICLES

Title (de)

SIEBVORRICHTUNG FÜR DIE ENTLADUNG VON SILOFAHRZEUGEN

Title (fr)

DISPOSITIF DE TAMISAGE POUR LA DÉCHARGE DE VÉHICULES-SILO

Publication

EP 3126066 B1 20210120 (DE)

Application

EP 15713889 A 20150401

Priority

- EP 14162994 A 20140401
- EP 2015057245 W 20150401

Abstract (en)

[origin: WO2015150484A1] The invention relates to a passive food screen device (1) for flour in a delivery flow, comprising: a housing (2) with a housing inlet (3) and a housing outlet (4); a closed screen insert (5) which is arranged substantially within the housing (2) such that (i.) a spatial area (6) is formed between the inner wall (7) of the housing (2) and the outer wall (8) of the screen insert (5) and (ii.) screen elements (9) of the screen insert (5) are arranged substantially parallel to the main conveying direction (F); and a hose coupling (10) on the housing inlet (3) and/or on the housing outlet (4). The food screen device allows a high delivery capacity, and, by virtue of its narrow design, can be carried on a silo vehicle and can be used as a control screen when delivering flour. The food screen device (1) is designed such that the flour can be moved in a delivery stream made of air.

IPC 8 full level

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CPC (source: EP US)

B07B 7/06 (2013.01 - EP US); **B07B 11/06** (2013.01 - US); **B07B 13/16** (2013.01 - EP US)

Citation (examination)

- DE 3443182 A1 19860605 - GEMA RANSBURG AG [CH]
- GB 1414882 A 19751119 - FAZER AB OY KARL

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DOCDB simple family (publication)

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