

Title (en)

TUBE-LIKE INLET FOR FILLING AND EMPTYING BULK CONTAINERS

Publication

EP 0036962 A3 19820317 (DE)

Application

EP 81101563 A 19790922

Priority

DE 2843906 A 19781007

Abstract (en)

[origin: EP0036962A2] The invention solves the emptying problems occurring with bulk containers by shaking and/or blowing air into the bulk material.

IPC 1-7

B65D 88/72; B65D 88/28; B65D 90/04

IPC 8 full level

B65D 88/66 (2006.01); **B65D 88/72** (2006.01)

CPC (source: EP)

B65D 88/66 (2013.01); **B65D 88/72** (2013.01)

Citation (search report)

- DE 1923804 A1 19691204 - DENKI ONKYO CO LTD
- [D] DE 2724715 A1 19771215 - ICI LTD
- [D] US 2943891 A 19600705 - KING PATON HAMILTON NEIL
- DE 1121799 B 19620111 - FRANZ XAVER WORTMANN DR ING
- [A] DE 1923344 A1 19701119 - IVCENKO GEORGIJ SEMENOVIC, et al
- [A] DE 927437 C 19550509 - MOELLER JOHANNES
- US 2805896 A 19570910 - YELLOTT JOHN I

Cited by

WO8403684A1

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

EP 0036962 A2 19811007; EP 0036962 A3 19820317; DE 2843906 A1 19800417; DE 2964363 D1 19830127; EP 0010182 A1 19800430;
EP 0010182 B1 19821222

DOCDB simple family (application)

EP 81101563 A 19790922; DE 2843906 A 19781007; DE 2964363 T 19790922; EP 79103577 A 19790922