

Title (en)

DEVICE FOR THE STABLE AND SYNCHRONOUS CONVEYING OF PACKAGES FOR FLUIDS THROUGH TREATMENT STATIONS

Publication

EP 0093409 B1 19871007 (DE)

Application

EP 83104162 A 19830428

Priority

DE 3216173 A 19820430

Abstract (en)

[origin: EP0093409A2] 1. Apparatus for transporting fluid packs (25) through treatment stations (29, 20') comprising an endless toothed belt (6) which is provided with teeth (61) as projections and which is provided to circulate from a delivery location (32) at least to a discharge location (33) around a drive wheel (1) and a direction-changing wheel (5) which is arranged at a spacing (B) from the drive wheel (1), each of the drive and direction-changing wheels having a vertical axis of rotation (34), wherein receptacles (7) for holding the packs (25), which are arranged in the form of a row and which are held in engagement with the teeth (61) of the toothed belt (6) are guided by stationary bars (18) at least over a part (20-21) of the closed conveyor path, characterised in that the receptacles (7) are guided and held in a condition of lying one against the other in a continuous row lying in the conveying direction (22) in at least one straight run (41, 41').

IPC 1-7

B65B 43/52; **B65G 17/12**

IPC 8 full level

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CPC (source: EP)

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Cited by

EP3597316A1; ITMI20111619A1; CN103781705A; CN104925298A; US10384814B2; WO2006058714A1; WO9742108A1; WO2013035061A3

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