

Title (en)
DISPENSER FOR PASTY MATERIALS.

Title (de)
SPENDER ZUR AUSGABE PASTÖSER MASSEN.

Title (fr)
DISTRIBUTEUR DE MATIERES PATEUSES.

Publication
EP 0648180 A1 19950419 (DE)

Application
EP 93915857 A 19930709

Priority
• DE 4222630 A 19920710
• DE 4308397 A 19930317
• EP 9301793 W 19930709

Abstract (en)
[origin: WO9401346A1] A dispenser (Sp) for pasty materials (3), such as tooth paste, has a head piece (7) with an outlet (4) and an actuating surface (6). A transport piston (8) gradually wanders under air pressure in the direction of the outlet (4) and pushes the material (3) before it with its front side (9). In order to obtain a simple design and a reliable operation of the dispenser, the transport piston (8) is moved by an air overpressure (zone D) that accumulates behind the transport piston (8) when the dispenser is actuated.

IPC 1-7
B65D 83/00

IPC 8 full level
B65D 83/00 (2006.01)

CPC (source: EP)
B65D 83/0005 (2013.01)

Citation (search report)
See references of WO 9401346A1

Cited by
DE19809240B4; EP0972722A1; US6234360B1

Designated contracting state (EPC)
AT BE DE DK ES FR GB IT LU NL SE

DOCDB simple family (publication)
WO 9401346 A1 19940120; AT E146434 T1 19970115; AU 4566693 A 19940131; DE 4308397 A1 19940113; DE 59304828 D1 19970130; EP 0648180 A1 19950419; EP 0648180 B1 19961218

DOCDB simple family (application)
EP 9301793 W 19930709; AT 93915857 T 19930709; AU 4566693 A 19930709; DE 4308397 A 19930317; DE 59304828 T 19930709; EP 93915857 A 19930709