

Title (en)
FRUIT JUICE DISPENSER

Title (de)
FRUCHTSAFT-DISPENSER

Title (fr)
DISTRIBUTEUR DE JUS DE FRUITS

Publication
EP 0583257 B1 19960103 (DE)

Application
EP 92907784 A 19920404

Priority
• DE 9105439 U 19910502
• EP 9200761 W 19920404

Abstract (en)
[origin: WO9219529A1] A fruit juice dispenser or the like comprises a receptable (1) for a concentrate container (3) fitted with a tapping hose (5), a hose pump (7) driven by an electric motor and having a milling means aligned in the delivery direction which dips into a hose-containing chamber (15), and an electromagnetically controlled water supply device (8) between the hose pump (7) and the tapping outlet (6'). The aim is to obtain an arrangement which is compact while offering optimal reliability. To this end, the tapping hose (5) extends in a straight line from the concentrate container (3) to the tapping site (tapping valve 6) and the hose pump (7) is designed as a lamella block milling contour (W) which operates crosswise thereto and against which the tapping hose (5) is retained by means of the spring-loaded rear wall (13) of a flap (16) which opens frontward to allow insertion of the tapping hose (5).

IPC 1-7
B67D 1/00; B67D 1/10; F04B 43/08

IPC 8 full level
B67D 1/00 (2006.01); **B67D 1/10** (2006.01); **F04B 43/08** (2006.01); **F04B 43/12** (2006.01)

CPC (source: EP US)
B67D 1/108 (2013.01 - EP US); **F04B 43/082** (2013.01 - EP US)

Designated contracting state (EPC)
DE DK ES FR GB IT SE

DOCDB simple family (publication)
DE 9105439 U1 19920903; DE 59204949 D1 19960215; EP 0583257 A1 19940223; EP 0583257 B1 19960103; JP H06509772 A 19941102; US 5413252 A 19950509; WO 9219529 A1 19921112

DOCDB simple family (application)
DE 9105439 U 19910502; DE 59204949 T 19920404; EP 9200761 W 19920404; EP 92907784 A 19920404; JP 50713792 A 19920404; US 14015993 A 19931027