

Title (en)
PIPETTING DEVICE

Publication
EP 0455043 A3 19920226 (DE)

Application
EP 91106075 A 19910417

Priority
DE 4014333 A 19900504

Abstract (en)
[origin: EP0455043A2] A pipetting device has a housing, at the upper end of which there projects an activation element which can be pressed in counter to a spring action. This activation element is connected by means of a rod system to a piston which can be moved in a cylinder in order to move an air volume. The cylinder communicates with an opening of a connection piece, in particular a connection cone, for attachable pipette teats which are open at the top and bottom. The piston 10 is designed as a hollow piston with an outer tubular skirt 23, which is held on an inner support 9 which is made especially of plastic and which is in communication with the activation element. It is possible to provide skirts 23 which are made of different materials and are exchangeable. <IMAGE>

IPC 1-7
B01L 3/02

IPC 8 full level
B01L 3/02 (2006.01)

CPC (source: EP US)
B01L 3/0224 (2013.01 - EP US)

Citation (search report)
• [AD] FR 2330456 A1 19770603 - EPPENDORF GERAETEBAU NETHELER [DE]
• [A] US 3506164 A 19700414 - WEICHSELBAUM THEODORE E, et al
• [AD] DE 1952774 A1 19700702 - BIO DYNAMICS INC

Cited by
EP0562358A3; EP2626134A3; DE4335863C1; US5454268A; EP4331725A1

Designated contracting state (EPC)
AT BE CH DE FR GB LI LU NL

DOCDB simple family (publication)
EP 0455043 A2 19911106; EP 0455043 A3 19920226; EP 0455043 B1 19950524; AT E122930 T1 19950615; DE 4014333 A1 19911128; DE 4014333 C2 19920702; DE 59105556 D1 19950629; JP H04227859 A 19920817; JP H0655278 B2 19940727; US 5511433 A 19960430

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