

Title (en)  
COMPACTING PRESS FOR FRAMED CONTAMINATED-AIR FILTERS

Publication  
**EP 0023232 B1 19840229 (DE)**

Application  
**EP 79102711 A 19790730**

Priority  
EP 79102711 A 19790730

Abstract (en)  
[origin: EP0023232A1] 1. Compacting press for framed (4) contaminated air filters (1) with pistons (10, 11) acting hydraulically on the press platen (3) and a fixed upper platen and a bottom platen and jaw (2), respectively, freely moving against it, with one or two cross beams (18) in a mirror inverted arrangement being jointly hinged to both press jaws (2, 3) by means of two toggle levers (20, 21), these cross beams being jointly and automatically displaceable towards the center of the press, either vertically or transversally to the direction of pressing of the jaws (2, 3) with the help of the toggle levers similar to a toggle lever press, with the bottom toggle lever and toggle levers (21), respectively, hinged at a cam (27) tiltable around a pivot (29), this cam being in its turn fixed in a recess (34) of the bottom press jaw (2) and pivotable around another pivot (28) and pivotable by means of a spring element (31, 33) attacking at a third hinge and pivoting point (30) respectively, in the direction of the press center (32) and press outside, respectively, around its pivoting point (28) in the jaw (2), depending on its respective position, and with the cam (27) having a cam area (26) directed towards the center of the press (32), this cam area being directed towards a beveled contact area (35) of the recess (34) and, while the cam (27) is rotated towards the center of the press (32), tiltable to contact the latter.

IPC 1-7  
**B30B 9/30; B30B 7/04**

IPC 8 full level  
**B30B 7/04** (2006.01); **B30B 9/30** (2006.01)

CPC (source: EP)  
**B30B 7/04** (2013.01); **B30B 9/30** (2013.01)

Designated contracting state (EPC)  
BE DE FR GB NL

DOCDB simple family (publication)  
**EP 0023232 A1 19810204; EP 0023232 B1 19840229; DE 2966724 D1 19840405**

DOCDB simple family (application)  
**EP 79102711 A 19790730; DE 2966724 T 19790730**