

Title (en)
SCREW PRESS

Publication
EP 0301000 B1 19911016 (EN)

Application
EP 87901711 A 19870216

Priority
SE 8601152 A 19860312

Abstract (en)
[origin: WO8705619A1] A screw press, which compresses and dewateres more or less moist cellulose-containing and/or fibrous materials in pieces, e.g. waste paper, wood, grass, straw and other harvest products, cellulose, peat, bark and the like, includes a feed device (2) having an input portion (3) for material, which is to be compressed, and at least one first pressure cone (13) for a forceful compressing of the material, a discharge opening (26) for the compressed and dewatered product, a rotary screw (11), which extends from the input portion at least into said first pressure cone (13) as well as driving means (8, 9) to make the screw rotate. The core (27) of the screw and/or its thread (28) is eccentric in relation to the rotation axis (30) of the screw and in relation to the mean screw line of the core respectively, in at least some of the thread turns in one zone (V) of said first pressure cone, and the jacket of this pressure cone (13) is impermeable in said zone (V).

IPC 1-7
B30B 9/14; **B30B 11/24**; **C10F 5/04**

IPC 8 full level
B30B 9/12 (2006.01); **B30B 9/14** (2006.01); **B30B 11/24** (2006.01); **C10F 5/04** (2006.01)

IPC 8 main group level
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Cited by
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