

Title (en)  
APPARATUS FOR DEHYDRATING AND PLASTIFYING MIXTURES OF EXPLOSIVES

Publication  
**EP 0098371 B1 19880120 (DE)**

Application  
**EP 83104884 A 19830518**

Priority  
DE 3225065 A 19820705

Abstract (en)  
[origin: US4493630A] In the case of an apparatus for dewatering and plastifying water-wet mixtures of materials for manufacturing explosives, as for example mixtures for producing propellant charges, using a screw extruder with one or more screws having kneading and conveying elements and a housing, possibly made up of axial sections, with a filling port for the said mixture as wetted with water, certain steps are taken for stopping the formation of slurries at the back end or part of the screw extruder, that is to say at the filling port there is an outwardly widening drain port with a drain duct joined thereto in which there is a conveyor for clearing the expressed water and the solids therein and moving them to the back end of the screw extruder.

IPC 1-7  
**C06B 21/00**; **B30B 9/12**

IPC 8 full level  
**B30B 9/12** (2006.01); **C06B 21/00** (2006.01)

CPC (source: EP US)  
**B30B 9/12** (2013.01 - EP US); **C06B 21/0075** (2013.01 - EP US)

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

DOCDB simple family (publication)  
**US 4493630 A 19850115**; AT E32056 T1 19880215; DE 3225065 C1 19831215; DE 3375388 D1 19880225; EP 0098371 A2 19840118; EP 0098371 A3 19850911; EP 0098371 B1 19880120

DOCDB simple family (application)  
**US 49686883 A 19830523**; AT 83104884 T 19830518; DE 3225065 A 19820705; DE 3375388 T 19830518; EP 83104884 A 19830518