

Title (en)

High-efficiency vertical screw-feeder press for dehydrating liquid-containing products

Title (de)

Presse mit vertikalem Schneckenförderer zur Entwässerung von Flüssigkeit enthaltenden Produkten

Title (fr)

Presse à alimentation par vis verticale pour la déshydratation de produits contenant du liquide

Publication

EP 1066953 A1 20010110 (EN)

Application

EP 99113588 A 19990708

Priority

EP 99113588 A 19990708

Abstract (en)

A high-efficiency vertical screw-feeder press (1) for dehydrating liquid-containing products, comprising an enclosure (3) which is composed of two side-by-side portions (4, 5) which form two substantially conical surfaces which have vertical axes and mutually intersect with their mutually facing regions. Each one of the two portions (4, 5) of the enclosure (3) coaxially accommodates a substantially frustum-shaped shaft (6, 7) which has, on its lateral surface, a screw (8, 9) which is inscribed in the corresponding portion of the enclosure (3) and protrudes, with its turns, between the turns of the screw of the contiguous shaft. The enclosure (3) has, proximate to the larger-diameter end of the two portions (4, 5), an inlet (10) for introducing products to be dehydrated and, proximate to the opposite end, at least one outlet (11) for discharging the dehydrated product. <IMAGE>

IPC 1-7

B30B 9/12; **B30B 9/16**

IPC 8 full level

B30B 9/12 (2006.01); **B30B 9/16** (2006.01)

CPC (source: EP)

B30B 9/128 (2013.01); **B30B 9/16** (2013.01)

Citation (search report)

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