

Title (en)
DOUBLE-FLIGHTED THREAD PULP PRESS SCREWS

Title (de)
ZWEIGÄNGIGE GEWINDESCHRAUBEN FÜR EINE SCHNITZELPRESSE

Title (fr)
VIS DE PRESSE À PÂTE À FILETAGE « DOUBLE-FLIGHTED »

Publication
EP 3120995 A1 20170125 (EN)

Application
EP 16382139 A 20160330

Priority
ES 201531067 A 20150720

Abstract (en)
Double-flighted thread pulp press screws, for use in horizontal volumetric presses having two parallel horizontal sub-screws (3) introduced inside a longitudinal cage or envelope, commonly used in the sugar industry, wherein the sub-screws (3) have a double-flighted thread (1,2) of equal distance to the filtering cage (4), housed such as to prevent the existence of collision with each other and the use of which provides, combined with the incorporation of a scraping/cleaning edge (5) on the outer end of the threads that form the two sub-screws of the press, a substantial enhancement in the performance of the assembly.

IPC 8 full level
B30B 9/12 (2006.01); **B30B 9/16** (2006.01)

CPC (source: EA EP ES)
B30B 9/121 (2013.01 - EA EP); **B30B 9/16** (2013.01 - EA EP ES); **C13B 10/102** (2013.01 - EA ES); **C13B 10/12** (2013.01 - EA ES)

Citation (search report)

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3120995 A1 20170125; EP 3120995 B1 20200422; EA 035769 B1 20200807; EA 201790607 A1 20180629; ES 2551254 A1 20151117; ES 2551254 B2 20160322; ES 2788722 T3 20201022; HR P20201058 T1 20201030; MA 39593 B1 20200529; PL 3120995 T3 20201102; WO 2017013282 A1 20170126

DOCDB simple family (application)
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