

Title (en)
Screw conveyor

Title (de)
Schneckenförderer

Title (fr)
Convoyeur à vis

Publication
EP 2561981 A3 20131225 (EN)

Application
EP 12176955 A 20120718

Priority
• EP 11179092 A 20110826
• EP 12176955 A 20120718

Abstract (en)
[origin: EP2561981A2] There is provided an embodiment of a screw conveyor (100) comprising a conveyor duct (102) for conveying material and an inlet duct (104) leading to the conveyer duct (102) for introducing the material into the conveyor duct (102). The inlet duct (104) comprises an inlet wall (105). A rotatable conveyor screw (106) is arranged in the conveyor duct (102) for transporting the material from the inlet duct (104) through the conveyor duct (102). A wear element (114) is provided, the wear element (114) forming an edge (111) between the inlet duct (104) and the conveyor duct (102). The wear element (114) has a wall portion (113) which forms part of the inlet duct (104) and abuts the inlet wall (105). Further, the wear element (114) only partially encompasses the conveyor screw (110) so as to be removable to thereby provide a free space between the inlet wall (105) and the conveyer screw (110).

IPC 8 full level
B30B 9/12 (2006.01); **B30B 9/26** (2006.01)

CPC (source: EP)
B30B 9/12 (2013.01); **B30B 9/121** (2013.01); **B30B 9/127** (2013.01); **B30B 9/26** (2013.01)

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 2561981 A2 20130227; EP 2561981 A3 20131225

DOCDB simple family (application)
EP 12176955 A 20120718