

Title (en)
FACTORY GATE

Title (de)
INDUSTRIETOR

Title (fr)
PORTE POUR L'INDUSTRIE

Publication
EP 1165926 B1 20030528 (DE)

Application
EP 00929326 A 20000323

Priority
• DE 19915376 A 19990406
• EP 0002604 W 20000323

Abstract (en)
[origin: WO0060208A1] The invention relates to a high-speed factory gate (1), comprising a gate leaf in the form of a slatted shutter curtain. The slats (2) are guided in lateral guides (5) which have a spiral section (52) with a continuously bent spiral shape (52) in the shutter door and are made from a material with a flexural strength of less than 1500 N.m<2>. According to the invention, a material with this degree of flexibility is suitable for interacting with the special spiral shape of the spiral section (52) to enable the factory gate to open and close at particularly high speeds. The factory gate (1) also functions quietly and economically in terms of energy consumption and the flexible slats (2) reduce its susceptibility to damage. This ensures that the gate opening can be well sealed.

IPC 1-7
E06B 9/11

IPC 8 full level
E06B 9/08 (2006.01); **E06B 9/11** (2006.01); **E06B 9/15** (2006.01); **E06B 9/17** (2006.01); **E06B 9/58** (2006.01)

CPC (source: EP)
E06B 9/0638 (2013.01); **E06B 9/08** (2013.01); **E06B 9/15** (2013.01); **E06B 9/58** (2013.01); **E06B 2009/0684** (2013.01); **E06B 2009/1588** (2013.01)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0060208 A1 20001012; AT E241753 T1 20030615; AU 4745500 A 20001023; DE 19915376 A1 20001012; DE 50002366 D1 20030703; EP 1165926 A1 20020102; EP 1165926 B1 20030528; JP 2002541364 A 20021203; JP 5148786 B2 20130220

DOCDB simple family (application)
EP 0002604 W 20000323; AT 00929326 T 20000323; AU 4745500 A 20000323; DE 19915376 A 19990406; DE 50002366 T 20000323; EP 00929326 A 20000323; JP 2000609681 A 20000323