

Title (en)

MANUAL OPERATING DEVICE FOR LADLE TYPE SLIDING GATE

Publication

EP 0047538 B1 19841227 (EN)

Application

EP 81200829 A 19810720

Priority

IT 8414180 A 19800905

Abstract (en)

[origin: EP0047538A1] A manual operating device for ladle type sliding gate comprises a reversible advancing ratchet gear (17) which is moved by a rod (19) and which operates the movable plate of a closing device by means of a mechanism (1), with a toothed sector (4), and a lever system (12, 13).

IPC 1-7

B22D 41/08; **B25B 13/46**

IPC 8 full level

B22D 41/08 (2006.01); **B22D 41/38** (2006.01); **B25B 13/46** (2006.01)

CPC (source: EP)

B22D 41/38 (2013.01)

Cited by

CN112091205A; EP0137103A1; FR2693671A1; US5360205A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0047538 A1 19820317; **EP 0047538 B1 19841227**; AT E10914 T1 19850115; DE 3167935 D1 19850207; IT 1141818 B 19861008; IT 8084141 A0 19800905

DOCDB simple family (application)

EP 81200829 A 19810720; AT 81200829 T 19810720; DE 3167935 T 19810720; IT 8414180 A 19800905