

Title (en)

Hinge-assembly for the articulation of pivoting sluice gates

Title (de)

Scharniervorrichtung für die Gelenkverbindung eines drehenden Schleusentores

Title (fr)

Charnière pour l'articulation de portes de barrages pivotantes

Publication

**EP 1726717 B1 20080402 (EN)**

Application

**EP 06114325 A 20060522**

Priority

IT TO20050354 A 20050524

Abstract (en)

[origin: EP1726717A2] A mobile barrier (1) for temporary barrage of canals and harbour entrances essentially formed by a base (2) which extends on the bottom of the harbour entrance, and a series of sluice gates (3) of essentially rectangular shape which are hinged with one edge onto the base (2) one next to the other so as to swingingly turn about a main essentially horizontal axis of rotation (A); each sluice gate (3) being connected to the base (2) by means of a pair of disconnectable hinges (4) which consists in a fixed portion (4a) stably anchored to the base (2), and a mobile portion (4b) which is instead stably fixed to the sluice gate (3), incorporates the articulation joint of the hinge about the main axis of rotation (A) and is finally structured so as to couple with the fixed portion (4a) in a stable yet easily releasable manner.

IPC 8 full level

**E02B 7/44** (2006.01)

CPC (source: EP)

**E02B 7/44** (2013.01)

Cited by

CN103103965A; EP2000597A1; CN108086449A; ITTV20100055A1; EP2000596A3; CN107178071A; DK201770235A1; DK179294B1; CN102635097A; CN102635096A; ITTV20100054A1; AT526639A1; US11629469B2; TWI463090B

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**EP 1726717 A2 20061129; EP 1726717 A3 20070704; EP 1726717 B1 20080402**; AT E391209 T1 20080415; DE 602006000846 D1 20080515; IT TO20050354 A1 20061125

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