

Title (en)
WATER COURSE BARRAGE OR COFFER DAM

Publication
EP 0356362 B1 19921230 (FR)

Application
EP 89440082 A 19890728

Priority
FR 8811240 A 19880823

Abstract (en)
[origin: EP0356362A1] A water course barrage, more particularly a cofferdam, is composed of a vertical movable door (2) formed from one or more superposed individual panels (13, 14) sliding in a supporting structure (3) installed in the apron (4) of the said water course and comprising two parallel pillars (5, 6) consisting of U-sections, the parallel wings (10, 11) of which are directed towards the vertical mid-plane (12) of the said cofferdam, and furthermore sealing means (29) interposed between the downstream face (31) of the movable door (2) and the said pillars (5, 6) of the said supporting structure (3). To improve the sealing of this barrage or cofferdam, it also possesses elastic means (42) capable of exerting pressure on the panel or panels (13, 14) in order to cause the compression of the sealing means (29) located between these and the inner face (30) of the parallel wing (10), downstream of the water thrust, of the pillars (5, 6) of the supporting structure (3). <IMAGE>

IPC 1-7
E02B 7/26; **E02B 7/54**

IPC 8 full level
E02B 7/26 (2006.01); **E02B 7/30** (2006.01); **E02B 7/54** (2006.01)

CPC (source: EP)
E02B 7/30 (2013.01); **E02B 7/54** (2013.01)

Cited by
AT399181B; CN113481946A; CN101851908A; CN105804022A; EP0909853A1; WO2019112897A1; US10640940B2; US10954640B2; US11384496B2; US11746487B2

Designated contracting state (EPC)
AT BE CH DE ES GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0356362 A1 19900228; **EP 0356362 B1 19921230**; AT E84094 T1 19930115; DE 68904143 D1 19930211; DE 68904143 T2 19930624; ES 2038440 T3 19930716; FR 2635798 A1 19900302; FR 2635798 B1 19920515; HK 91393 A 19930910

DOCDB simple family (application)
EP 89440082 A 19890728; AT 89440082 T 19890728; DE 68904143 T 19890728; ES 89440082 T 19890728; FR 8811240 A 19880823; HK 91393 A 19930902