

Title (en)
Sealing means

Title (de)
Dichtungsmittel

Title (fr)
Moyens d'étanchités

Publication
EP 0712968 A3 19960918 (EN)

Application
EP 94850171 A 19941004

Priority
SE 9303243 A 19931005

Abstract (en)
[origin: EP0712968A2] A sealing means at the lower end of a mechanical filter for removing particles carried by a stream of water in a channel (10). The filter comprises a screen consisting of respectively fixed (12) and movable (13) lamellar bars that form an inclined plane down into the water stream. The edges of the bars facing the water flow direction are stair-shaped. The movable lamellar bars (13) are interconnected in parallel to form at least one bar screen, which is operated by means of a driving mechanism placed at the upper end of the removing device. It produces a closed circuit motion in the plane of the bars, with a motion component in an upward direction that exceeds the stair height of the bars. Each respective movable bar (13) is at its lower end equipped with a flexibly connected fingertip (14), which is pivoting in a vertical plane and displaceable, with its outermost end (16) in a sliding bearing, forward and backward along the channel bottom (10), during the motion of the screen. <IMAGE>

IPC 1-7
E03F 5/14; **E02B 5/08**; **E02B 3/16**

IPC 8 full level
E02B 8/02 (2006.01)

CPC (source: EP)
E02B 8/026 (2013.01)

Citation (search report)
• [DA] EP 0346311 A2 19891213 - WALLANDER HYDROPRESS CO AB [SE]
• [DA] WO 8607106 A1 19861204 - WALLANDER HYDROPRESS CO AB [SE]

Cited by
CN104195986A; DE19919689A1; DE19919689C2; WO0246543A1; WO9942668A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 0712968 A2 19960522; **EP 0712968 A3 19960918**; SE 505169 C2 19970707; SE 9303243 D0 19931005; SE 9303243 L 19950406

DOCDB simple family (application)
EP 94850171 A 19941004; SE 9303243 A 19931005