

Title (en)
BY-PASS VALVE FOR BORING COLUMN

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EP 0431162 A4 19930310 (DE)

Application
EP 89909457 A 19890623

Priority
SU 8900177 W 19890623

Abstract (en)
[origin: WO9100412A1] A by-pass valve for a boring column comprises a hollow casing (1) with lateral openings (2), a saddle (4) constituted by the internal surface of the casing (1) and a closing element consisting of an elastic, resilient sleeve (3) secured by one of its ends in the casing (1). The sleeve (3) is mounted with a gap (6) and is provided with a confusor (7). The valve may be provided with a jacket (8) or with shutters. The absence of moving parts, better sealing of the channel for the flow of the liquid, and decreased hydraulic resistance of the valve lead to a reduced wear and destruction of its parts and increases the reliability and longevity of the valve.

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E21B 34/10

IPC 8 full level
E21B 34/10 (2006.01); **E21B 34/06** (2006.01)

CPC (source: EP)
E21B 34/06 (2013.01)

Citation (search report)

- Keine Entgegenhaltungen.
- See references of WO 9100412A1

Cited by
GB2413817A; GB2413817B; US10385661B2; US6857476B2; US6886634B2; US6899176B2; WO2004065759A1; US6994170B2

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