

Title (en)
Conveying system for a two-phase flow

Title (de)
Förderanlage für eine Zweiphasenströmung

Title (fr)
Dispositif de transfert pour un écoulement diphasique

Publication
EP 0922812 A3 20000202 (EN)

Application
EP 98204191 A 19981209

Priority
NL 1007763 A 19971210

Abstract (en)
[origin: EP0922812A2] A conveyor system for a two-phase flow, such as water containing sand, gravel and the like, comprising at least one conveyor pipeline (1) with means (2) for generating a flow, characterized in that the internal surface of the conveyor line bears guide means (7) for influencing the flow. A pump (2) is accommodated in the conveyor pipeline, and the guide means (7) are situated immediately upstream of the inlet of the pump. In case the pump is a rotary pump, the guide means are designed to impart a preliminary rotation to the flow. <IMAGE>

IPC 1-7
E02F 7/10

IPC 8 full level
E02F 3/90 (2006.01); **E02F 7/10** (2006.01)

CPC (source: EP)
E02F 3/902 (2013.01); **E02F 7/10** (2013.01)

Citation (search report)

- [YA] US 1451272 A 19230410 - ROBINSON ARTHUR W
- [YA] US 3719207 A 19730306 - TAKEDA H
- [A] NL 81617 C
- [A] DE 3901301 A1 19900726 - KLEIN ALB GMBH CO KG [DE]
- [A] FR 77711 E 19620413
- [A] DE 138186 C
- [A] US 1662178 A 19280313 - YUILLE NATHANIEL A
- [A] US 4050539 A 19770927 - KASHIWARA TERUO, et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 238 (M - 613) 5 August 1987 (1987-08-05)

Cited by
GB2395026A; CN103410184A; US7644733B2; WO2017021708A3; WO03002878A3

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0922812 A2 19990616; EP 0922812 A3 20000202; NL 1007763 C2 19990623

DOCDB simple family (application)
EP 98204191 A 19981209; NL 1007763 A 19971210