

有色金属

选矿部分

6

2013年

NONFERROUS METALS
MINERAL PROCESSING SECTION

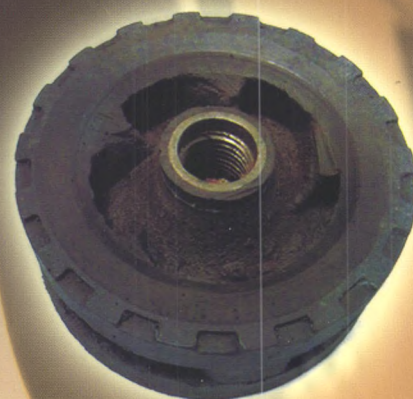
主管单位 中国有色金属工业协会
主办单位 北京矿冶研究总院



新一代渣浆泵技术的引领者!

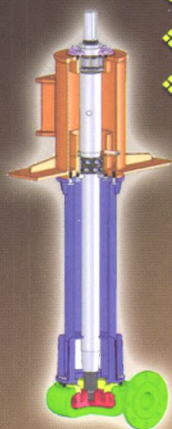
特点及优势

- ❖ 陶瓷复合材质的过流件，寿命是普通渣浆泵的5倍以上
- ❖ 对比普通渣浆泵，备件成本消耗下降50%以上
- ❖ 高效水力设计，对比普通渣浆泵节能20%以上



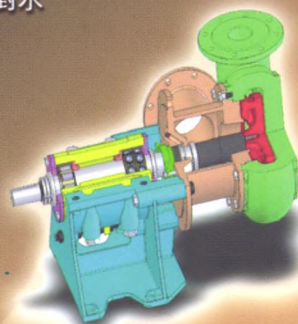
● L系列陶瓷复合渣浆泵

- ❖ 无轴密封机构
- ❖ 日常维护接近零
- ❖ 不消耗密封水



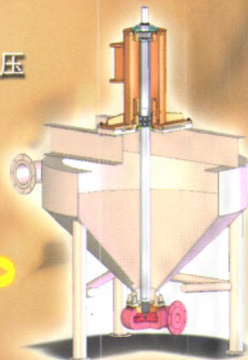
● W系列陶瓷复合渣浆泵

- ❖ 轴密封设计在低压区
- ❖ 盘根处压力接近于零甚至为负压
- ❖ 无需设计副叶轮



P系列陶瓷复合泡沫泵 ●

- ❖ 优异的抗汽蚀性能
- ❖ 特别适合用于输送含泡沫精矿



应用范围

适用于冶金、有色、煤炭、电力等行业输送含悬浮固体颗粒的液体，如精矿、尾矿、灰渣、煤渣等。
浆体最高温度不超过80℃，重量浓度不超过70%， $-74\mu\text{m} \geq 40\%$ 。

ISSN 1671-9492



广州市拓道流体设备技术有限公司

<http://www.totallfluid.com>

广州总部：广州市越秀区解放中路306号三楼302

电话：020-83195853 传真：020-83195853

值得您信赖!

郴州基地：郴州市有色金属工业园

销售：0735-2654966 传真：0735-2654722

9 771671 949028

万方数据

目 次

* 选矿工艺 *

武平悦洋含银铜多金属矿铜银分离工艺研究

.....	印万忠, 孙大勇, 丁亚卓, 侯 英, 马英强, 吴 浩, 王乃玲 (1)
卢安夏巴鲁巴矿体铜钴矿石选矿工艺流程的试验研究	马忠臣, 陈新林 (5)
四川某高硫铜铅锌矿选矿工艺研究与生产实践	汤小军, 官长平, 邓星星, 周怡玫 (10)
内蒙古某铜铅多金属矿选矿试验研究	刘广学, 郭珍旭 (14)
复杂铅锑银锌多金属硫化矿浮选分离工艺研究	程建国 (17)
千鹤冲钼矿选矿及伴生元素综合回收试验研究	李正丹, 顾红贵 (23)
铝矾土矿浮选提纯工艺研究	任爱军 (27)
黄钾铁矾渣回收银的试验研究	贾宝亮, 孙 伟 (31)
从某金矿氰化渣中回收金银的试验研究	余世磊, 王毓华, 王进明, 张 英, 余胜利 (35)
某摇床尾矿中细粒锡石的回收试验	孙爱辉, 彭志兵 (40)
钼尾矿综合回收硫铁试验研究	王 夺, 徐龙华 (45)
生物法回收利用高铁含铜酸性废水的研究	董博文, 夏国进, 谢洪珍, 季常青, 谭生芸 (48)
西藏唐加选矿厂尾矿脱水干堆和选矿废水回用研究	刘亚龙, 缪建成, 范 寻, 李亚辉 (52)
湖南黄铁矿—毒砂型金矿石的选矿试验研究	迟晓鹏, 陈享享, 王纪镇 (56)
不同含铜炉渣选矿对比试验研究	江 锋, 黄红军, 孙 伟, 刘润清, 熊 勇 (60)
某金矿选矿工艺研究	赵 磊, 张广彬, 伍耀斌, 任允超, 程 鑫, 孙述翔 (64)

* 选矿设备 *

KYF 型浮选机三相流仿真研究初探	沈政昌, 卢世杰, 史帅星, 陈 东, 杨丽君 (67)
大型矿浆调浆搅拌槽的设计及工业应用	王青芬, 张建辉 (73)
盘式磁选机用于和睦山铁矿干式抛尾试验研究	方 昊, 王化军, 方文杰 (77)

* 选矿药剂 *

SA-2 絮凝剂在微细粒赤铁矿分选中的应用	刘志兴 (83)
新型有机抑制剂用于硫化铜铅矿物浮选分离的研究	杜延雷, 李成必 (86)

NONFERROUS METALS (MINERAL PROCESSING SECTION)

No.6 2013

November 2013

Bimonthly

CONTENTS

* Mineral Processing Technology *

- Research on the Separation Process of Copper Polymetallic Ore Containing Silver from Wuping Yueyang
YIN Wanzhong, SUN Dayong, DING Yazhuo, HOU Ying, MA Yingqiang, WU Hao, WANG Nailing (1)
- Experimental Study of Technical Process on a Cu-Co Ore from Luanshya Baluba Ore Body
MA Zhongchen, CHEN Xinlin (5)
- Research and Production Practice on Mineral Processing of a Cu-Pb-Zn Ore with High-Content of Sulphur
of Sichuan TANG Xiaojun, GUAN Changping, DENG Xingxing, ZHOU Yimei (10)
- Experimental Study of a Copper-Lead Polymetallic Ore of Inner-Mongolia
..... LIU Guangxue, GUO Zhenxu (14)
- Study on Flotation Separation Process for a Complex Polymetallic Sulfide Ore CHENG Jianguo (17)
- Research on the Mineral Processing of a Molybdenum Ore and Comprehensive Recovery of Associated
Elements of Qianechong Molybdenum Mine LI Zhengdan, GU Honggui (23)
- Research on Purification Technique by Flotation for Bauxite REN Aijun (27)
- Experimental Research on Recovery of Silver from Jarosite Slag JIA Baoliang, SUN Wei (31)
- Experimental Research on Recovering Gold and Silver from Cyanide Residue of Gold Ore
..... YU Shilei, WANG Yuhua, WANG Jinming, ZHANG Ying, YU Shengli (35)
- Experimental Research on Recovery of Fine Cassiterite from the Tailings of Shaking Table
..... SUN Aihui, PENG Zhibing (40)
- Experimental Research on Comprehensive Recovery of Pyrite and Magnetite from Molybdenum Tailing
..... WANG Duo, XU Longhua (45)
- Research on Recycle and Utilization of Acidic Wastewater Containing Copper with High Content of Iron by
Biological Method DONG Bowen, XIA Guojin, XIE Hongzhen, JI Changqing, TAN Shengyun (48)
- Application Research on Dewatering and Drying Stack of Tailings and Treatment and Recycle of Wastewater
from Tibet Tangjia Ore-Dressing Plant LIU Yalong, MIAO Jiancheng, FAN Xun, LI Yahui (52)
- Beneficiation Experimental Study on Gold Ore of Pyrite-Arsenopyrite Type from Hunan
..... CHI Xiaopeng, CEHN Xiangxiang, WANG Jizhen (56)
- Comparative Experimental Research on Flotation of Copper from Different Copper Slag
..... JIANG Feng, HUANG Hongjun, SUN Wei, LIU Runqing, XIONG Yong (60)
- Research on Mineral Processing Process for a Gold Ore
..... ZHAO Lei, ZHANG Guangbin, WU Yaobin, REN Yunchao, CHENG Xin, SUN Shuxiang (64)

* Mineral Processing Equipment *

- Investigation of Three Phases Flow Simulation in KYF Flotation Cell
..... SHEN Zhengchang, LU Shijie, SHI Shuaixing, CHEN Dong, YANG Lijun (67)
- Design and Industrial Application of Large-Scale Pulp Conditioner WANG Qingfen, ZHANG Jianhui (73)
- Research on Dry-Type Tailings Removal of Hemushan Iron Ore by Using Disk-Type Magnetic Separator
..... FANG Hao, WANG Huajun, FANG Wenjie (77)

* Mineral Processing Reagent *

- Application of SA-2 Flocculant in the Separation of Fine-Grained Hematite LIU Zhixing (83)
- Research on the Separation of Copper-Lead Ores with a New Type of Organic Depressants by Flotation
..... DU Yanlei, LI Chengbi (86)

Sponsor	Beijing General Research Institute of Mining and Metallurgy
Editor and Publisher	Nonferrous Metal Editorial Department
Address	Building 23, Zone 18 of ABP, No.188, South 4th Ring Road West, Beijing 100160, China
Tel & Fax Number	010-63299852(Tel), 63299754(Fax)
Internet Site	http://ysxk.bgrimm.cn
Chief Editor	ZHU Suiling
Printer	Huayi Printing House
