

高炉出铁沟 长寿化技术成套

*LONGTERM LIFESPAN TECHNICAL
ON IRON TROUGH OF BF*



联合荣大企业集团
Allied Rongda Enterprises

▲ 2008年开发成功专利技术“单铁口高炉出铁沟储铁式改造”技术。

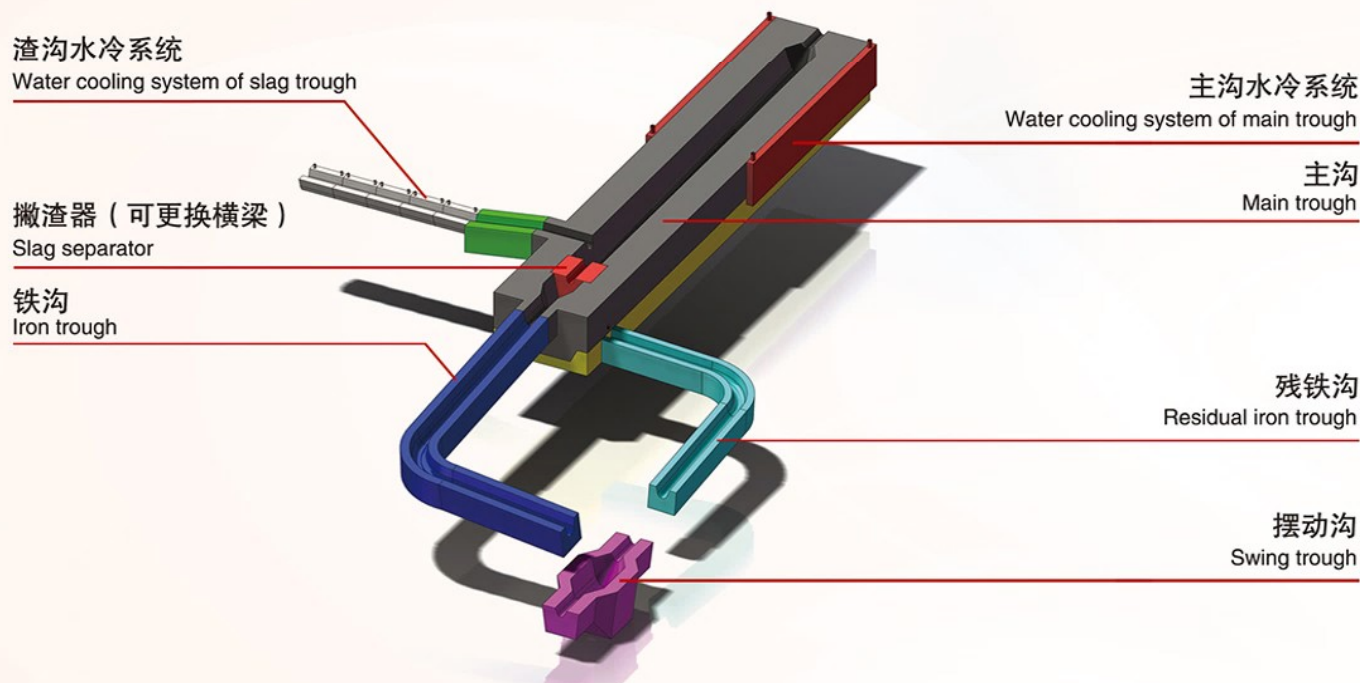
▲ 开创国内外单铁口高炉铁沟储铁式改造先河。

▲ 至今已累计对110多条铁沟进行了改造。

▲ In 2008, Allied Rongda enterprises successfully developed a patented technology “Retentional iron trough of blast furnace with single taphole”.

▲ It created a precedent of retentional iron trough of blast furnace with single taphole at home and abroad.

▲ More than 110 iron trough have been remoulded.



涉及铁沟的专利创新 (14项) Patent Award Involving Iron Trough

2009

- 单铁口高炉出铁沟储铁式改造技术

The technology of retentional iron trough of blast furnace with single taphole

- 单铁口高炉储铁式出铁沟

The retentional iron trough of blast furnace with single taphole

2010

- 一种单铁口高炉出铁沟撇渣器

A slag separator of blast furnace with single taphole

- 一种高炉出铁沟撇渣器预制过梁

A precast slag separator beam of BF trough

2011

- 多层复合结构出铁沟

The iron trough with multi-layer composite structure

- 用于放堵残铁的铁沟残铁孔

The residual iron hole used for drawing and blocking the residual iron

- 一种水冷结构储铁式铁沟

A retentional iron trough with water-cooling structure

2014

- 一种带有内嵌式水冷却系统的高炉出渣沟
- The slag trough of BF with an embedded water cooling system

- 一种带有水冷却系统的高炉出渣沟系统
- The slag trough of BF with water cooling system

- 带有内嵌式水冷却管的高炉出渣沟

The slag trough of BF with an embedded water cooling pipe

2013

- 一种带有水冷却及监测功能的高炉出铁沟钢制外壁

Steel ectexine of BF iron trough with water cooling system and monitoring function

2015

- 一种氮气保护铁沟
- A iron trough protected by N²

- 一种氮气保护铁沟及其氮气保护方法

A iron trough and method protected by N²

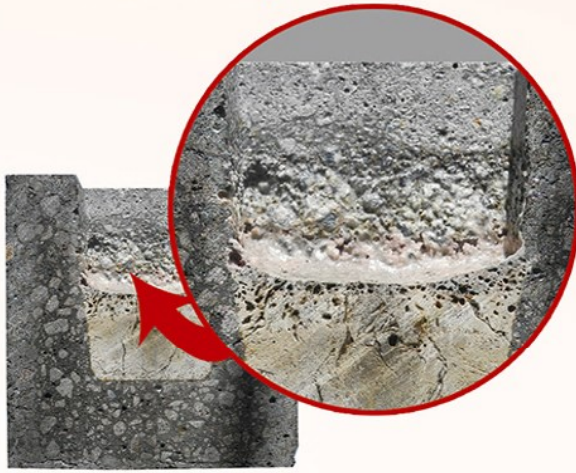
- 一种水冷型储铁式铁沟及冷却方法

A retentional iron trough with water cooling system and protected method



高抗渣侵蚀主沟料

The Main Trough Material For High Slag Anti-erosion



普通主沟料

The ordinary main trough material

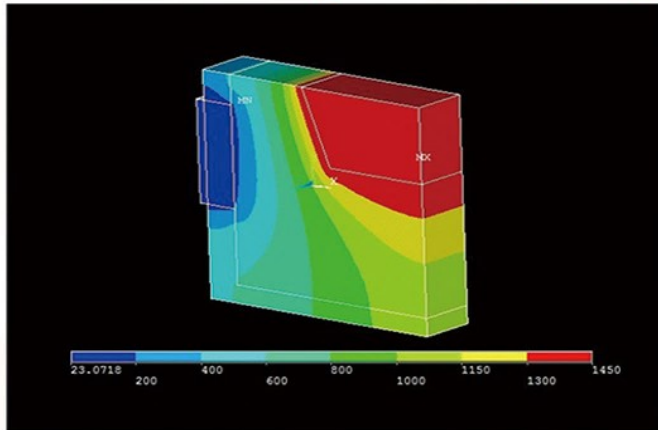


高抗渣主沟料

The high santi-erosion main trough material

主沟及渣沟水冷

The Watering Cooling System
Of Main Trough And Slag Trough



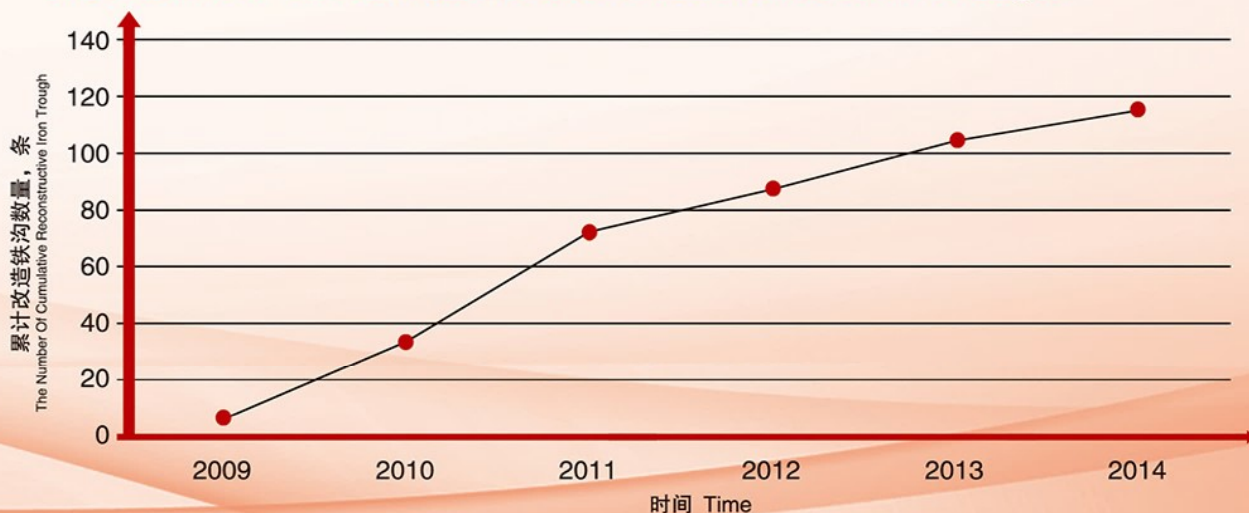
铁沟热态喷注修补

The Hot Injection Repairing
Of Iron Trough



累计改造铁沟数量

The Number Of Cumulative Reconstructive Iron Trough



集团管控 · 集中研发 · 技术共享

GROUP CONTROL · CENTRALIZING R&D · TECHNOLOGY SHARING

集团调配 · 基地生产 · 区域服务

GROUP DEPLOYMENT · BASE PRODUCTION · REGIONAL SERVICES



新浪微博



官方微信

全国统一客服热线 **Unified national customer service hot-line**

免费热线 (Free hotline) : 800-810-9575 400-650-9912

手机业务 (Mobile phone hotline) : 400-110-2006 (中文普通话)

400-110-1600 (English Speaking)

E-mail: rongda@rongda.com.cn



北京联合荣大工程材料股份有限公司 (总部)

Beijing Allied Rongda Engineering Material Co.,Ltd.(headquarters)

地址: 北京市怀柔区北房镇经纬工业区龙云路9号 (101400)

Address: No.9, Longyun Road, Beifang Industrial Area, Huai'rou District, Beijing (101400)

商务联络: 王文毅 Wang Wenyi 13911755220

电话 (Tel) : (+86) 10 61685636 61685766 61685603

传真 (Fax) : (+86) 10 61685703

网址 (Web) : www.alliedrongda.com.cn



北京联合荣大建材有限公司

Beijing Allied Rongda Construction Material Co.,Ltd.

地址: 北京市怀柔区北房工业区裕华路3号 (101400)

Address: No.3, Yuhua Road, Beifang Industrial Area, Huai'rou District, Beijing (101400)

商务联络: 姚俊海 Yao Junhai 13581863937

电话 (Tel) : (+86) 10 61681444 61681524 61682457

传真 (Fax) : (+86) 10 61683157

网址 (Web) : jiancai.alliedrongda.com



南京联合荣大工程材料有限责任公司

Nanjing Allied Rongda Engineering Material Co.,Ltd.

地址: 南京市江宁区滨江经济技术开发区翔凤路17号 (211178)

Address: No.17, Xiangfeng Road, Binjiang Economic and Technology Development Area, Jiangning District, Nanjing

商务联络: 赵勇 Zhao yong 13585112458

电话 (Tel) : (+86) 25 86371995 86200161 84950476

传真 (Fax) : (+86) 25 86218945

网址 (Web) : nanjing.alliedrongda.com



成都联合荣大工程材料有限责任公司

Chengdu Allied Rongda Engineering Material Co.,Ltd.

公司地址: 成都市金牛区沙湾路1号洛克中心4079室 (610000)

Address: Room 307, Jiali Building, No.272, Shawan Road, Chengdu

商务联络: 曲芳 Qu fang 13770542711

电话 (Tel) : (+86) 28 87659853、87659854

传真 (Fax) : (+86) 28 87659853

网址 (Web) : chengdu.alliedrongda.com



北京联合荣大工程材料股份有限公司西安分公司

Beijing Allied Rongda Engineering Material Co., Ltd Xi'an Branch

地址: 西安市未央区三桥双拥路金桥国际一单元2105室 (710086)

Address: Room 2015, unit one, Jinqiao international, Sanqiao sub-district, Fengdong new town, Xi 'an, (710068)

商务联络: 曲芳 Qu fang 13770542711

电话 (Tel) : (+86) 29 84368469

传真 (Fax) : (+86) 29 84333953

网址 (Web) : xian.alliedrongda.com