

Title (en)

Apparatus for charging scrap into a furnace.

Title (de)

Vorrichtung zum Chargieren eines Ofens mit Schrott.

Title (fr)

Installation de chargement de déchets dans un four.

Publication

EP 0197210 A1 19861015 (EN)

Application

EP 85302310 A 19850402

Priority

EP 85302310 A 19850402

Abstract (en)

Apparatus for charging scrap (35) into a steel-making arc furnace (1) includes a scrap bucket (21), a bucket carriage (8) adapted to carry the scrap bucket (21) and normally positioned at a stand-by position adjacent to the furnace and a support structure supporting the bucket carriage (8) and including one or more beams (5) along which the bucket carriage may be moved between the stand-by position and a charging position situated directly and only a small distance above the furnace (1). The bucket carriage may be moved along the beams by a winch (10) or a hydraulic actuator and the scrap bucket (21) may be raised and lowered relative to the bucket carriage (8) by a winch (10) or a hydraulic actuator.

IPC 1-7

C21C 5/52; F27B 3/18; F27D 3/00

IPC 8 full level

F27D 3/00 (2006.01)

CPC (source: EP)

F27D 3/0027 (2013.01)

Citation (search report)

- [X] DE 2300849 A1 19740718 - FR SCHINKE MASCHINENFABRIK INH
- [Y] FR 2435684 A1 19800404 - CREUSOT LOIRE
- [A] FR 1549657 A 19681213

Cited by

US5390212A; FR2670217A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0197210 A1 19861015; EP 0197210 B1 19890705; DE 3571330 D1 19890810

DOCDB simple family (application)

EP 85302310 A 19850402; DE 3571330 T 19850402