

Title (en)

Actuating mechanism for a soot blower.

Title (de)

Betätigungsvorrichtung für einen Russbläser.

Title (fr)

Dispositif d'actionnement d'un souffleur de suie.

Publication

EP 0032962 A1 19810805 (EN)

Application

EP 80100384 A 19800125

Priority

EP 80100384 A 19800125

Abstract (en)

The lance (12) of the soot blower is disclosed as having a square cross section extending through a square hole in a rotating bushing (18). The lance is reciprocated into and out of a furnace cavity by means of a carriage (46) positioned through a rack (48) and pinion (47) and rotated by means of a first sprocket (20) and a chain (32) linking motive means (31) and lance structure (12). A second sprocket (55), a second chain (51) and a third sprocket (50) constitute part of the linkage between the lance structure (12) and the pinion (47).

IPC 1-7

F23J 3/00

IPC 8 full level

F23J 3/00 (2006.01)

CPC (source: EP)

F23J 3/00 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

EP 0032962 A1 19810805; EP 0032962 B1 19840425; DE 3067599 D1 19840530

DOCDB simple family (application)

EP 80100384 A 19800125; DE 3067599 T 19800125