

Title (en)
DEVICE FOR DEMOLISHING CHIMNEYS

Publication
EP 0370280 B1 19920115 (DE)

Application
EP 89120240 A 19891101

Priority
DE 3839677 A 19881124

Abstract (en)
[origin: US4955457A] An arrangement for the demolition of smokestacks includes a demolition tool for successively demolishing the smokestack shaft. A work platform is suspended from the smokestack wall by suspension devices distributed over the circumference of the work platform. Each suspension device includes at least one vertically guided lowering piston which can be locked in different vertical positions. A suspension arm is mounted at the upper end of each piston and can be swung inwardly and outwardly. In the outwardly swung position, the suspension arm engages over the smokestack wall. A mechanical shovel with the demolition tool works on the work platform. The demolition is carried out in the area of a suspension arm which is swung inwardly. After the demolition work has been carried out, the suspension arm is again moved to the outwardly swung position. This is repeated with all suspension arms until the work platform can be lowered by the stroke of the lowering piston and a new demolition cycle can begin.

IPC 1-7
E04G 23/08

IPC 8 full level
E04H 12/28 (2006.01); **E04G 23/08** (2006.01)

CPC (source: EP US)
E04G 23/08 (2013.01 - EP US); **E04G 2023/087** (2013.01 - EP US)

Cited by
RU2753332C1; FR2678311A1; CN104797766A; EP2918748A4; US9758984B2; EP2288770A2

Designated contracting state (EPC)
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