

Title (en)

Crushing tongs for demolishing building structures, especially reinforced-concrete walls

Title (de)

Brechzange zum Abräumen von Bauwerken, insbesondere von Mauern aus armiertem Beton

Title (fr)

Pièce pour démolir des constructions, en particulier des murs en béton armé

Publication

EP 0347371 B2 19970122 (DE)

Application

EP 89810349 A 19890511

Priority

CH 230788 A 19880615

Abstract (en)

[origin: EP0347371A1] The crushing tongs, comprising a tongs body (7) for receiving two tongs parts (1, 1') which are each pivotable via their own centre of rotation (2, 2') and which, away from the centre of rotation, are divided up into a tongs lever (3, 3') for applying the force and a cutting lever (4, 4') for exerting the crushing force, has on the cutting lever (4, 4') means (5, 60) for detachably fastening the tongs bumps (12, 61, 63). Severing blades (6, 6') for severing reinforcements can be provided in the region of the cutting levers (4, 4'). The detachable tongs bumps (61, 63) can be detachably fastened in a bump bed (60) which is arranged detachably on the cutting lever (4, 4') or integrally formed thereon. A plurality of tongs bumps can form a working profile which differs from another working profile, which is formed from the same or a different number of tongs bumps, in the crushing action. <IMAGE>

IPC 1-7

E04G 23/08; **B28D 1/22**

IPC 8 full level

B28D 1/22 (2006.01); **E02F 3/96** (2006.01); **E04G 23/08** (2006.01)

CPC (source: EP US)

B28D 1/222 (2013.01 - EP US); **E02F 3/965** (2013.01 - EP US); **E04G 23/08** (2013.01 - EP US); **E04G 23/082** (2013.01 - EP US); **E04G 2023/086** (2013.01 - EP US)

Cited by

CN105233438A; EP0608641A1; US5385311A; EP0498285A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0347371 A1 19891220; **EP 0347371 B1 19930728**; **EP 0347371 B2 19970122**; AT E92140 T1 19930815; DE 58905023 D1 19930902; FR 2632999 A1 19891222; IT 1230397 B 19911021; IT 8920887 A0 19890615; JP H01322071 A 19891227; US 4934616 A 19900619

DOCDB simple family (application)

EP 89810349 A 19890511; AT 89810349 T 19890511; DE 58905023 T 19890511; FR 8814749 A 19881114; IT 2088789 A 19890615; JP 32810588 A 19881227; US 35283189 A 19890516