

Title (en)

HYDRAULICALLY OPERATED REMOVAL/DISMOUNTING APPARATUS FOR BUILDING UNITS

Title (de)

HYDRAULISCH BETRIEBENE ABBAU/ABMONTAGEVORRICHTUNG FÜR BAUEINHEITEN

Title (fr)

APPAREIL A COMMANDE HYDRAULIQUE D'ENLEVEMENT ET DE DEMONTAGE D'ELEMENTS DE BATIMENTS

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Application

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Abstract (en)

[origin: WO2005124062A1] The invention relates to a hydraulic removal/dismounting apparatus (10) for building units, which is adapted for placement between a unit (3) to be removed and a supporting wall (4) of the building. The apparatus comprises a body member (1), which provides a wide supporting surface bearing in use of the apparatus against the supporting structures (4) of a building to be demolished, a hydraulic cylinder (6) mounted on the body member, as well as a spreader element (2) connected pivotably (8, 9) to the body member (1) and the hydraulic cylinder (6) and having its dismounting end provided with a removal/crushing element (2a) for applying a loading force to the inside surface of the dismountable unit (3) over a relatively small area. The articulation (8) between the spreader element (2) and the body member (1) is located at the opposite end with respect to the dismounting end. The apparatus (10) is adapted for connection by its body member (1) mechanically to the lifting arm of a working machine (11), the hydraulic cylinder (6) being adapted for connection to the working machine's hydraulics, the apparatus being thus operable by means of the very working machine's controls, thereby enabling operation of the apparatus in various positions.

IPC 8 full level

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