

A LIFTING DEVICE AND METHOD FOR CONCRETE ELEMENTS

Veröffentlichungsnummer WO2010045692 (A1)

Veröffentlichungsdatum: 2010-04-29

Erfinder: COMERFORD ERNEST FREDERICK [AU]; RANKIN MARK ANDREW [AU] +

Anmelder: OBELIX HOLDINGS PTY LTD [AU]; COMERFORD ERNEST FREDERICK [AU]; RANKIN MARK ANDREW [AU] +

Klassifikation:

- **Internationale:** **B66C1/54; B66C1/66; B66F19/00; E04G21/14; B66C1/42; B66C1/62; B66F19/00; E04G21/14**

- **Europäische:**

Anmeldenummer: WO2009AU01401 20091023

Prioritätsnummer(n): AU20080905461 20081023

Zusammenfassung von **WO 2010045692 (A1)**

A lifting device (110) for concrete elements such as bridge beam and deck elements, panels and the like up to and beyond 1,000 tonnes (t) is described. The lifting device may be suitable for face and edge lifting of concrete elements that have a suitable cavity formed within or through them. The lifting device (110) may include a lifting eye (116) connected to an elongate member / shank (114) that has a flared end (122). A sleeve (126) about the shank (114) may be used to raise and lower the moveably attached wedges (124) to and from the flared end (122). In use the wedges (124) upon the flared end (122) prevent the withdrawal of the lifting device (110) from the cavity of the concrete element. A cavity former is also described that may be used in the casting of the concrete element to form a suitable cavity.

Daten sind von der **espacenet** Datenbank verfügbar — Worldwide