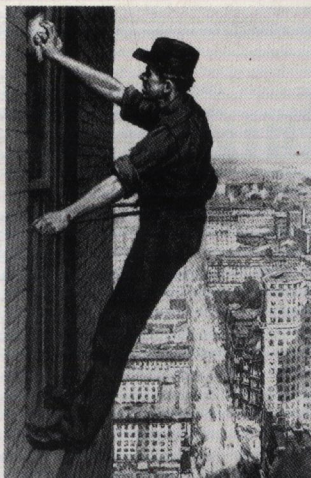


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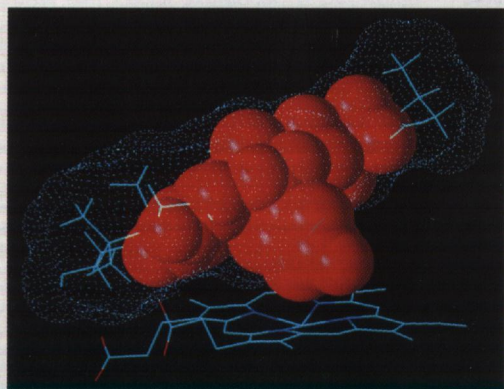
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## 577 NEWS

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- ◆ US Senate warns Clinton over global warming pact
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## 583 BIOTECHNOLOGY

### 'Patents on life' provoke renewed controversy

Graham Lawton reports on the European Parliament's decision to back a biotechnology patent directive.

## 585 PATENTS

## 587 MOLECULAR MODELLING

### Do molecular models accurately reflect reality?

Despite a widespread belief to the contrary, molecular models are not capable of giving a true picture of the quantum realities involved in the molecular kingdom, as Dennis Rouvray of the University of Georgia explains.

## 592 Molecular modelling in agrochemicals

The design of potential agrochemicals is being helped by technology more familiar to drug discovery, as Charles Reynolds of Rohm and Haas reveals.

## 597 Designing novel proteins

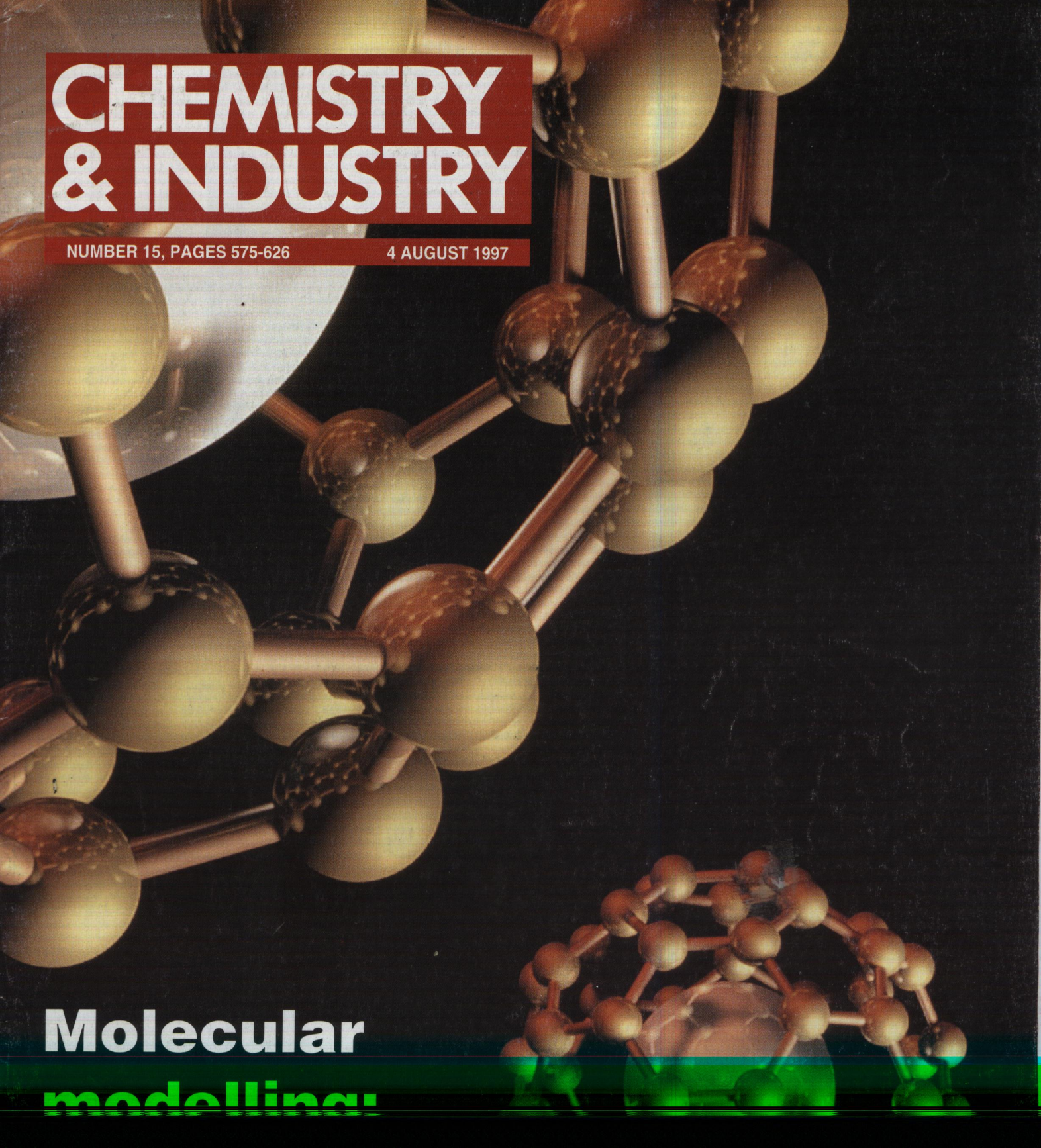
Mimicking Nature is no mean feat, and understanding how proteins generate their complex three-dimensional structures is just the first step in protein design. Gabriele Tuchscherer and Manfred Mutter of the University of Lausanne discuss the problems.

## 603 The design of catalysts using molecular modelling

Graham Hutchings, Graeme Watson and David Willock of Liverpool University show how molecular modelling is providing a useful insight into catalysis.

## 609 REVIEWS





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**Molecular**  
**modelling**