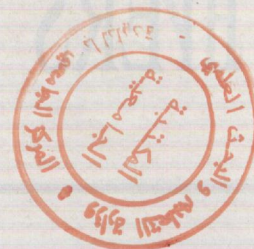


CHEMISTRY & INDUSTRY

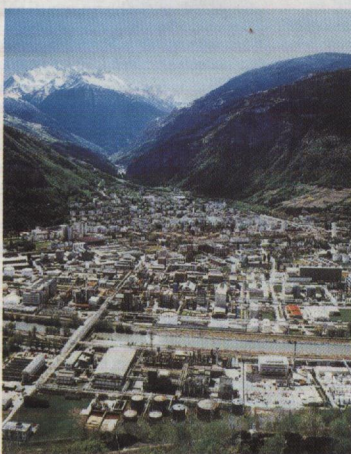
NUMBER 13, PAGES 491-538

7 JULY 1997

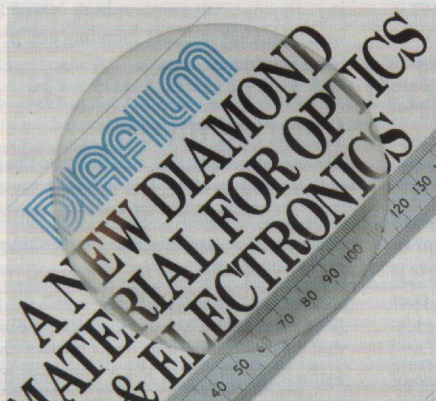
54(08)2



EU ministers get tough on vehicle emissions, p497



Lonza celebrates a century of industry in the Valais, p501



CVD diamonds, p505

492 LETTERS

493 NEWS

- ◆ Rhône-Poulenc gears up for chemical/life sciences split
- ◆ Second Earth Summit deemed a failure
- ◆ European biotech industry can't compete with US
- ◆ New research fails to find link between disease and silicone breast implants

500 INTELLECTUAL PROPERTY

Slovenia shows the way for Europe

Nina Morgan reports on Slovenia's new patent system, which it believes would make a good model for a reformed European scheme.

501 LONZA

Exclusive business of an invisible player

As Lonza celebrates its centenary, Graham Lawton reports on its plans for the next century.

504 PATENTS

505 MATERIALS SCIENCE

Diamond chemical vapour deposition

Michael Ashfold and Paul May of the University of Bristol describe the advances being made in techniques for making films of man-made diamond.

510 POLYMERS

Polymeric electro-optic modulators

Electronics may have dominated the 20th century, but the new millennium could well see this technology superseded by one using both electricity and light. Larry Dalton of the University of Southern California illuminates this exciting new area.

515 ANALYTICAL CHEMISTRY

The detection of fake and forged antiquities


Spotting a fake antiquity is no easy business, and relies heavily on personal skill and experience. There are, however, several scientific techniques that can make the job easier, as Paul Craddock of the British Museum explains.

520 CHEMICAL MARKETS

The world of rayon

Katherine Shariq examines the changes in the production and consumption of rayon fibre around the world.

CHEMISTRY & INDUSTRY



NUMBER 13, PAGES 491-538

7 JULY 1997

**In search of the
genuine article**